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ABSTRACT

This study presents the results of the 28th annual inventory and utilization study concerning space in North Carolina institutions of higher education during the 1994 fall term. The study provides information on 113 institutions of higher education including the 16 public senior institutions which comprise the University of North Carolina (UNC), 39 private nonprofit colleges and universities, the 58 public 2-year institutions which comprise the community college system, and the UNC hospitals at Chapel Hill. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist). The study indicates the uses being made of space and provides, where possible, norms and historical information for the past 5 years. Statistics for private institutions are shown by group rather than by institution. The study is divided into four sections. The section on utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section on interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. The section on building characteristics contains data on building age, condition, and replacement cost. The final section reports on accessibility to persons with mobility impairments. An institutional index and subject index are included. (Contains 10 references.) (JB)

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STATE OF NORTH CAROLINA

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1994

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1994

For
THE STATE OF NORTH CAROLINA

TWENTY-EIGHTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1995

Furman C. Moseley Center

Elon College

(Cover Photo)

Elon College's new $7 million Moseley Center is designed to serve as the future focal point of this growing private campus. Completed in 1994, this latest campus addition houses modern facilities for student cultural activities and both formal and informal gatherings. The 74,000 square feet of new construction replaces Long Student Center, which will be converted to classroom and office space.

The building's front exposure, which features arched windows, brick columns, and high porticoes, reflects the Federalist style of architecture on the older section of campus and thus establishes a design link with Elon's past and tradition. The building's side exposures blend with the modern appearance of buildings on the north side of campus. Spacious and open, with large expanses of green space between it and other structures, the Moseley Center easily stands out as the new hub of campus activity.

The first level features the campus book store, a food court providing a variety of special offerings, modern indoor and outdoor dining areas, post office, game room, TV rooms, and student lounge areas. McKinnon Hall, which includes a stage and a seating capacity of 500, is easily divided into four smaller meeting rooms to allow more flexibility. The second level houses the Student Government Association and Student Union Board offices, conference and resource rooms, student newspaper offices, and areas for student volunteer organizations such as Habitat for Humanity. Space for personnel in the Student Life Department and the Chaplain's office is also provided at this level, providing increased accessibility of these resources to students. A state-of-the-art broadcast facility featuring three studios for the student radio station WSOE completes the second floor.

The Moseley Center is named in honor of Elon alumnus Furman Moseley and his wife, Susan, who made a generous contribution to the college's Investing in Excellence campaign. The new campus center was designed by Hayes/Howell Architects of Southern Pines, N.C.; construction was by J. H. Allen Co. of Asheboro. A formal dedication was held April 28, 1995, with former British Prime Minister Margaret Thatcher speaking at the ceremony.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the twenty-eighth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1994 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1994 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Phil Albano and Susan Bright of the Department of Community Colleges, Brooks Cates of Elon College, Karen Copeland of the University of North Carolina at Chapel Hill, Sandra Davis of N. C. Central University, Sheri Green of N. C. State University, Thomas Heath of the Carolina Population Center, and Robert Ussery of N. C. A&T State University. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (32), and junior colleges (four). Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina

University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission staff with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a mainframe computer tape, PC diskette, or electronic mail transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on computer tape, diskette, or an E-mail file. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master files at the Administrative Data Processing Center (ADP) in Chapel Hill. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. A&T State University similarly shows an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to the institution's extensive instruction and research programs in Agriculture which require significantly more academic space per FTE student than is typical of other general academic programs.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the

North Carolina Community College system. Also, Pembroke State University in 1994 was reclassified as a Comprehensive I University. Table groupings in this publication reflect this reclassification.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

A recently revised Room Use Code Structure appears in the updated Facilities Inventory and Utilization Manual (Fifth Edition, 1993) for North Carolina colleges and universities. Data collected for this publication are based on these updated classifications (see pp. 117-118).

Sanford Institute of Public Policy, Duke University

Duke University's new $10.9 million Sanford Institute of Public Policy for the first time enables the institution to accommodate all public policy classes under one roof. The new 52,000-square-foot building houses facilities for both undergraduate and graduate programs in Policy Science and Public Affairs, including lecture halls for 55 to 125 students, computer classrooms, seminar rooms, and departmental and faculty offices.

The new center also houses a darkroom and exhibit area for the Center for Documentary Studies. The Joel L. Fleishman Commons, a multi-purpose, multi-level atrium, is used for dining, informal gatherings, and special events. The Commons thus serves as a symbolic core of the Institute and brings together students, faculty, and special guests participating in the Institute's programs.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 23
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Range of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Open Laboratory
225 Open Lab Service

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic or Physical Ed.
525 Athletic or Physical Ed. Svc.

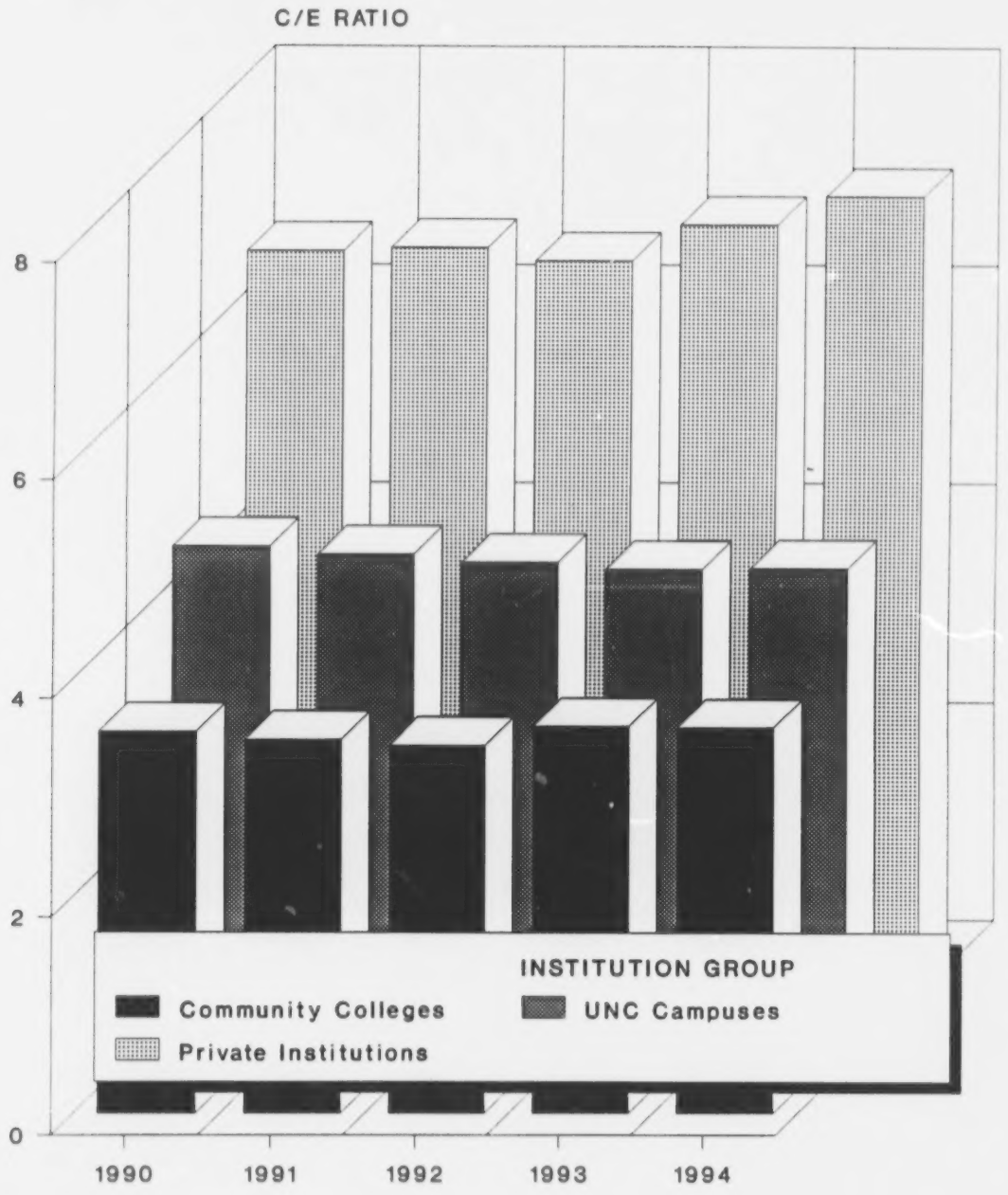
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1994	1993	1992	1991	1990
Research Universities I:							
NC State	1,365,242	351,824.0	3.88	3.85	3.85	3.83	3.69
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,477,543	256,649.5	5.76	6.04	5.90	5.64	5.33
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,842,785	608,473.5	4.67	4.76	4.71	4.61	4.42
Doctoral Granting Universities I:							
UNC-Greensboro	584,091	145,869.5	4.00	3.89	3.86	3.93	3.85
Comprehensive I Universities:							
Appalachian	685,718	165,533.0	4.14	4.07	4.14	4.27	4.28
East Carolina	762,672	231,550.5	3.29	3.26	3.43	3.60	3.89
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	243,044	51,749.5	4.70	4.78	4.90	5.20	5.03
NC A & T	562,883	118,968.0	4.73	4.71	4.92	5.26	5.89
NC Central	417,355	71,416.5	5.84	5.58	5.88	6.03	5.80
Pembroke	208,753	35,828.5	5.83	5.57	5.58	5.87	5.69
UNC-Charlotte	583,785	195,796.0	2.98	2.93	2.95	3.01	3.16
UNC-Wilmington	342,198	117,479.5	2.91	3.02	3.08	3.00	3.46
West'n Carolina	519,802	93,479.0	5.56	5.60	5.54	5.80	6.80
SUBTOTAL	4,326,210	1,081,800.5	4.00	3.91	4.02	4.15	4.40
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	219,209	35,302.5	6.21	5.82	6.24	7.19	7.26
UNC-Asheville	201,703	44,082.0	4.58	4.77	4.57	4.99	5.11
Winston-Salem	226,808	38,204.0	5.94	5.96	6.35	6.01	6.34
SUBTOTAL	647,720	117,588.5	5.51	5.51	5.63	5.93	6.01

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1994	1993	1992	1991	1990
Specialized Institution:							
NC Sch. of Arts*	176,818	19,310.5	9.16	8.90	9.74	10.19	10.96
Community Colleges:							
SUBTOTAL	6,607,824	1,861,775.0	3.55	3.56	3.38	3.43	3.50
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,447,835	190,325.5	7.61	7.06	6.18	6.34	6.36
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,690,551	542,451.0	6.80	6.69	6.58	6.57	6.60
Junior Colleges:							
SUBTOTAL*	282,270	32,172.0	8.77	7.64	7.06	8.06	7.25
GRAND TOTAL	20,606,104	4,599,766.0	4.48	4.45	4.34	4.41	4.49

* High school courses at N.C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Table 1

Capacity / Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1994	1993	1992	1991	1990
Community Colleges:							
Alamance CC	110,112	40,176.0	2.74	2.68	2.45	2.41	2.55
Anson CC	33,722	11,915.5	2.83	4.78	3.94	4.22	5.02
Ashev'le-Bun. TCC	229,983	59,133.5	3.89	4.23	4.15	4.04	4.01
Beaufort Co. CC	76,611	17,093.5	4.48	4.28	3.07	3.31	3.61
Bladen CC	48,519	9,734.5	4.98	5.14	5.16	4.88	5.05
Blue Ridge CC	137,062	19,239.0	7.12	6.59	3.67	3.65	3.85
Brunswick CC	53,460	14,621.5	3.66	3.52	3.76	4.50	4.74
Caldwell CC & TI	106,519	25,786.0	4.13	3.95	4.56	4.23	4.26
Cape Fear CC	114,477	44,781.0	2.56	2.54	2.57	2.68	2.75
Carteret CC	62,719	20,102.0	3.12	3.01	2.95	3.41	3.26
Catawba Vy. CC	167,054	53,229.5	3.14	2.78	2.62	2.71	3.24
C. Carolina CC	134,199	40,135.5	3.34	3.71	3.55	3.62	3.90
C. Piedmont CC	412,543	166,740.5	2.47	2.52	2.45	2.74	2.24
Cleveland CC	98,144	24,564.5	4.00	4.23	4.97	5.41	4.96
Coastal Car. CC	141,828	54,046.5	2.62	2.86	2.69	2.79	2.59
Col. Albemarle	84,342	28,732.0	2.94	2.83	2.62	2.95	3.04
Craven CC	90,371	30,717.5	2.94	2.50	2.49	2.49	3.04
Davidson Co. CC	135,557	33,899.0	4.00	3.90	3.66	3.59	4.10
Durham TCC	144,420	44,386.0	3.25	4.18	2.45	2.46	2.30
Edgecombe CC	77,440	18,853.0	4.11	4.30	3.52	3.68	4.87
Fayettev'le TCC	247,122	94,144.5	2.62	2.89	2.78	2.47	2.86
Forsyth TCC	266,402	57,847.5	4.61	4.42	4.71	3.72	3.79
Gaston Col.	152,659	42,809.0	3.57	3.91	3.30	3.26	3.20
Guilford TCC	326,868	91,576.0	3.57	3.55	3.31	3.36	3.04
Halifax CC	62,932	21,442.5	2.93	2.49	3.10	3.14	3.66
Haywood CC	128,587	24,136.0	5.33	5.16	4.81	5.01	5.58
Isothermal CC	131,357	23,017.5	5.71	5.45	4.69	4.74	4.70
J. Sprunt CC	61,359	13,508.5	4.54	4.74	4.50	4.13	5.11
Johnston CC	89,870	26,932.5	3.34	2.95	2.87	3.32	3.43
Lenoir CC	139,108	31,400.0	4.43	3.81	4.23	3.63	4.14

Table 1

Capacity / Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1994	1993	1992	1991	1990
Community Colleges:							
Martin CC	77,252	13,399.5	5.77	6.94	5.41	5.65	5.58
Mayland CC	43,319	8,209.0	5.28	3.90	3.33	3.75	3.76
McDowell TCC	51,640	11,601.0	4.45	4.28	4.93	3.82	5.18
Mitchell CC	116,462	25,067.5	4.65	4.42	4.29	4.37	4.48
Montgomery CC	38,119	9,220.5	4.13	5.50	5.05	4.74	4.62
Nash CC	74,570	20,326.5	3.67	3.04	3.39	4.31	4.65
Pamlico CC	20,877	3,612.0	5.78	7.09	5.46	7.32	6.87
Piedmont CC	59,234	10,536.5	5.62	4.21	4.25	4.88	5.44
Pitt CC	142,839	39,888.5	3.58	3.46	2.28	2.34	2.62
Randolph CC	114,305	25,201.5	4.54	4.49	4.58	4.54	4.23
Richmond CC	77,577	19,859.0	3.91	3.89	4.36	4.16	5.23
Roanoke-Cho. CC	68,000	15,448.5	4.40	4.61	5.80	6.73	4.95
Robeson CC	88,363	25,626.5	3.45	3.64	3.43	3.44	4.02
Rockingham CC	144,996	31,764.5	4.56	4.34	4.55	4.69	5.46
Rowan-Cab. CC	133,055	37,593.0	3.54	3.42	3.40	3.39	3.36
Sampson CC	59,697	19,820.5	3.01	2.93	3.38	3.55	3.61
Sandhills CC	131,207	35,289.5	3.72	4.65	4.71	3.58	3.77
Southeastern CC	86,226	22,967.5	3.75	3.77	3.57	4.66	4.02
Southwestern CC	84,856	22,680.0	3.74	4.06	3.86	4.20	4.02
Stanly CC	51,927	18,521.0	2.80	3.17	3.07	3.33	3.52
Surry CC	100,993	36,196.0	2.79	2.76	2.82	2.71	2.86
Tri-County CC	55,198	11,609.5	4.75	4.81	4.51	5.00	5.19
Vance-Granv. CC	89,944	31,354.5	2.87	2.82	2.89	3.64	3.01
Wake TCC	208,371	75,036.0	2.78	2.90	2.77	2.89	2.96
Wayne CC	134,456	36,764.5	3.66	3.41	3.27	3.67	3.93
W. Piedmont CC	91,852	25,460.5	3.61	3.47	3.41	2.89	2.63
Wilkes CC	109,824	26,125.5	4.20	3.94	3.53	3.18	3.13
Wilson TCC	87,319	17,895.5	4.88	4.81	4.98	4.83	5.16
TOTAL	6,607,824	1,861,775.0	3.55	3.56	3.38	3.43	3.50

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), or 765 (Hazardous Materials Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 765 (Hazardous Materials Service), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

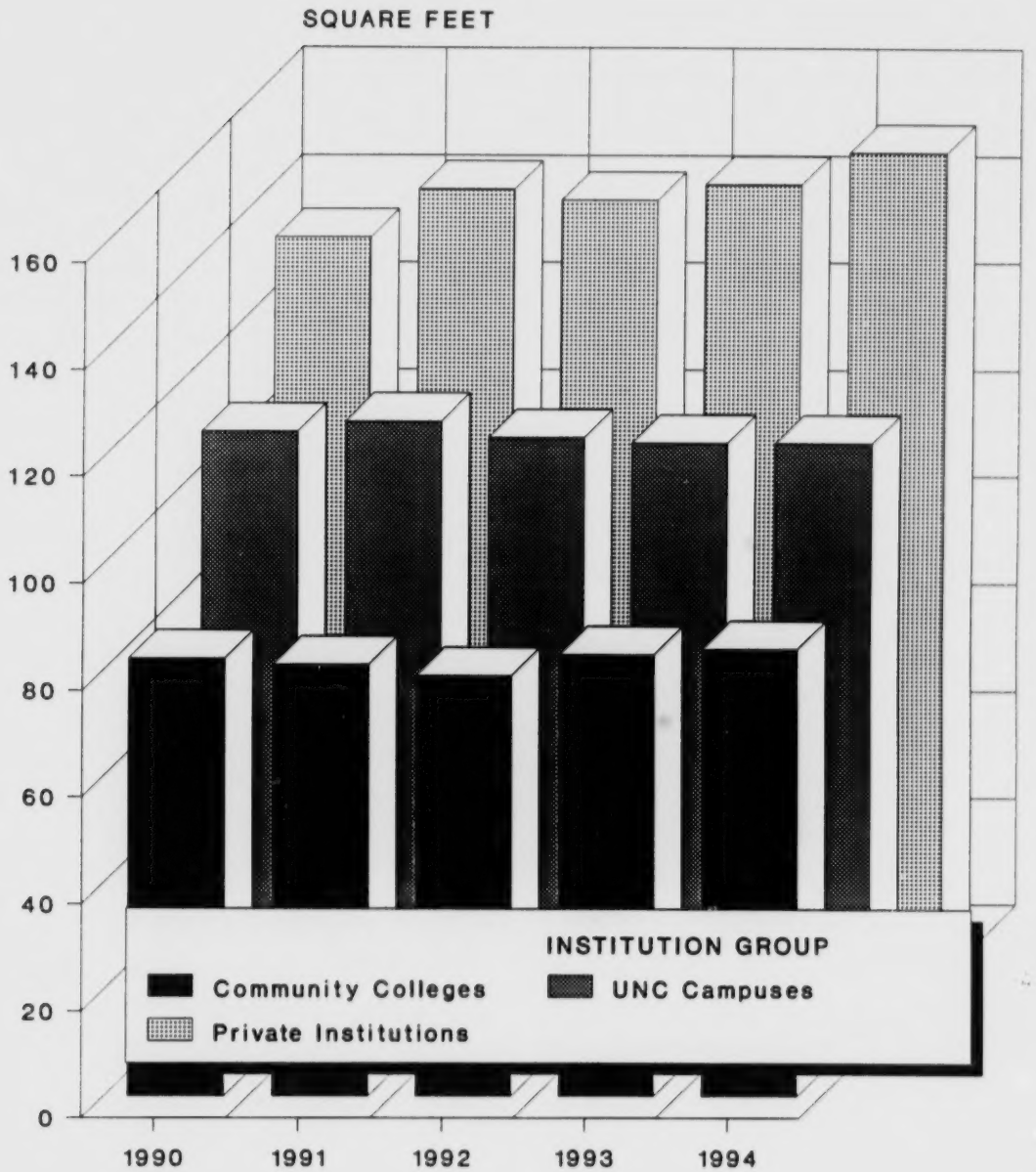
In this table, the FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

The Department of Community Colleges now reports FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation applied until 1987 (see pages 69-70). All figures in this publication's tables, which include 5-year historical trends for many statistics, are based on the revised method of calculation. This change had an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the community colleges, therefore, previous year figures for Table 2 and Table 12 in this study published before 1987 will not coincide with those in subsequent publications.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1994	1993	1992	1991	1990
Research Universities I:							
NC State	3,045,099	22,440	136	136	136	136	127
NC State Vet.	226,431	283	800	782	779	822	783
UNC-Chapel Hill	2,560,139	18,336	140	143	146	143	136
UNC-Health Aff.	1,349,869	3,389	398	395	385	390	402
SUBTOTAL*	5,605,238	40,776	137	139	141	139	131
Doctoral Granting Universities I:							
UNC-Greensboro	984,220	10,279	96	93	90	92	90
Comprehensive I Universities:							
Appalachian	1,029,802	11,274	91	93	92	95	95
East Carolina	1,147,066	14,878	77	76	75	79	78
ECU-Health Aff.	507,153	1,224	414	426	443	436	333
Fayetteville	355,262	3,498	102	103	106	113	112
NC A & T**	937,851	7,365	127	129	137	155	152
NC Central	573,921	4,963	116	116	117	124	121
Pembroke	275,169	2,592	106	105	106	109	101
UNC-Charlotte	839,107	12,967	65	64	66	67	66
UNC-Wilmington	500,547	7,607	66	66	68	65	74
West'n Carolina	745,011	6,056	123	130	129	133	140
SUBTOTAL*	6,403,736	71,200	90	90	91	95	95
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	310,761	2,010	155	151	161	182	185
UNC-Asheville	276,175	2,600	106	107	104	108	107
Winston-Salem	316,883	2,486	127	130	137	145	152
SUBTOTAL	903,819	7,096	127	122	124	131	130

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1994	1993	1992	1991	1990
Specialized Institution:							
NC Sch. of Arts***	241,965	632	383	411	520	536	534
Community Colleges:							
SUBTOTAL	8,335,018	99,102	84	83	79	81	82
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,741,402	15,364	178	162	149	148	148
Gen. Baccalaureate Colleges:							
SUBTOTAL	5,305,687	38,990	136	135	136	137	126
Junior Colleges:							
SUBTOTAL***	376,140	1,716	219	180	173	191	170
GRAND TOTAL	30,897,225	285,155	108	107	105	107	105

* Division of Health Affairs and NCSU Veterinary School are excluded from all totals.

** Agricultural programs at N.C. A&T require a significant amount of academic space. The 1994 figures for these programs are: ASF: 209,056; FTE: 295; ASF per FTE: 709. Figures for all other campus programs: ASF: 728,795; FTE: 7,070; ASF per FTE: 103.

*** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's College (Junior Colleges).

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1994	1993	1992	1991	1990
Community Colleges:							
Alamance CC	135,507	2,212	61	59	55	58	63
Anson CC	40,830	554	74	110	110	135	169
Ashev'le-Bun. TCC	279,174	2,774	101	97	98	90	101
Beaufort Co. CC	100,799	1,029	98	105	99	80	89
Bladen CC	67,361	592	114	112	107	89	127
Blue Ridge CC	158,522	1,225	129	128	87	88	89
Brunswick CC	89,847	718	125	122	103	144	153
Caldwell CC & TI	141,613	1,306	108	94	91	88	97
Cape Fear CC	135,596	2,616	52	50	52	57	59
Carteret CC	100,499	1,120	90	93	85	96	88
Catawba Vy. CC	208,172	2,164	96	80	74	77	86
C. Carolina CC	151,704	1,665	91	87	89	83	71
C. Piedmont CC	508,399	8,960	57	54	53	58	52
Cleveland CC	120,798	958	126	137	127	134	142
Coastal Car. CC	160,127	2,725	59	57	59	58	55
Col. Albemarle	118,778	1,515	78	78	70	75	82
Craven CC	100,180	1,488	67	67	65	67	73
Davidson Co. CC	173,518	1,718	101	79	74	70	74
Durham TCC	177,262	2,847	62	64	53	53	52
Edgecombe CC	102,887	1,205	85	89	70	82	94
Fayettev'le TCC	331,237	4,812	69	71	67	59	60
Forsyth TCC	326,827	3,100	105	106	103	86	90
Gaston Col.	203,112	2,999	68	77	77	81	61
Guilford TCC	411,058	5,051	81	76	73	73	69
Halifax CC	83,361	1,058	79	75	74	80	104
Haywood CC	175,763	1,200	146	143	145	142	151
Isothermal CC	156,208	1,203	130	121	108	108	117
J. Sprunt CC	77,473	822	94	94	91	87	122
Johnston CC	119,673	1,816	66	68	67	72	68
Lenoir CC	170,578	1,655	103	89	83	85	91

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1994	1993	1992	1991	1990
Community Colleges:							
Martin CC	97,817	628	156	157	130	150	164
Mayland CC	60,595	580	104	77	85	82	95
McDowell TCC	62,396	626	100	118	122	106	123
Mitchell CC	143,097	1,186	121	122	115	114	125
Montgomery CC	46,957	517	91	127	123	90	114
Nash CC	92,111	1,090	85	85	80	116	120
Pamlico CC	25,888	166	156	204	185	264	278
Piedmont CC	90,245	547	165	130	150	152	174
Pitt CC	169,516	2,765	61	94	58	78	57
Randolph CC	142,096	1,262	113	111	105	106	99
Richmond CC	103,344	960	108	119	110	111	121
Roanoke-Cho. CC	87,964	732	120	119	126	141	116
Robeson CC	110,847	1,235	90	92	82	91	95
Rockingham CC	171,118	1,597	107	104	106	104	115
Rowan-Cab. CC	157,905	1,423	111	105	109	96	88
Sampson CC	75,480	834	91	82	89	97	95
Sandhills CC	161,362	2,335	69	67	69	64	64
Southeastern CC	111,362	1,408	79	77	69	89	93
Southwestern CC	111,465	1,079	103	104	101	104	114
Stanly CC	63,873	933	68	68	70	70	77
Surry CC	116,297	1,911	61	61	59	57	62
Tri-County CC	73,504	590	125	139	124	125	121
Vance-Granv. CC	131,941	1,475	89	90	88	90	83
Wake TCC	262,430	4,218	62	65	64	71	75
Wayne CC	167,404	1,991	84	82	78	89	99
W. Piedmont CC	116,153	1,660	70	69	63	59	61
Wilkes CC	144,995	1,278	113	106	94	81	77
Wilson TCC	109,993	969	114	119	113	117	119
TOTAL	8,335,018	99,102	84	83	79	81	82

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

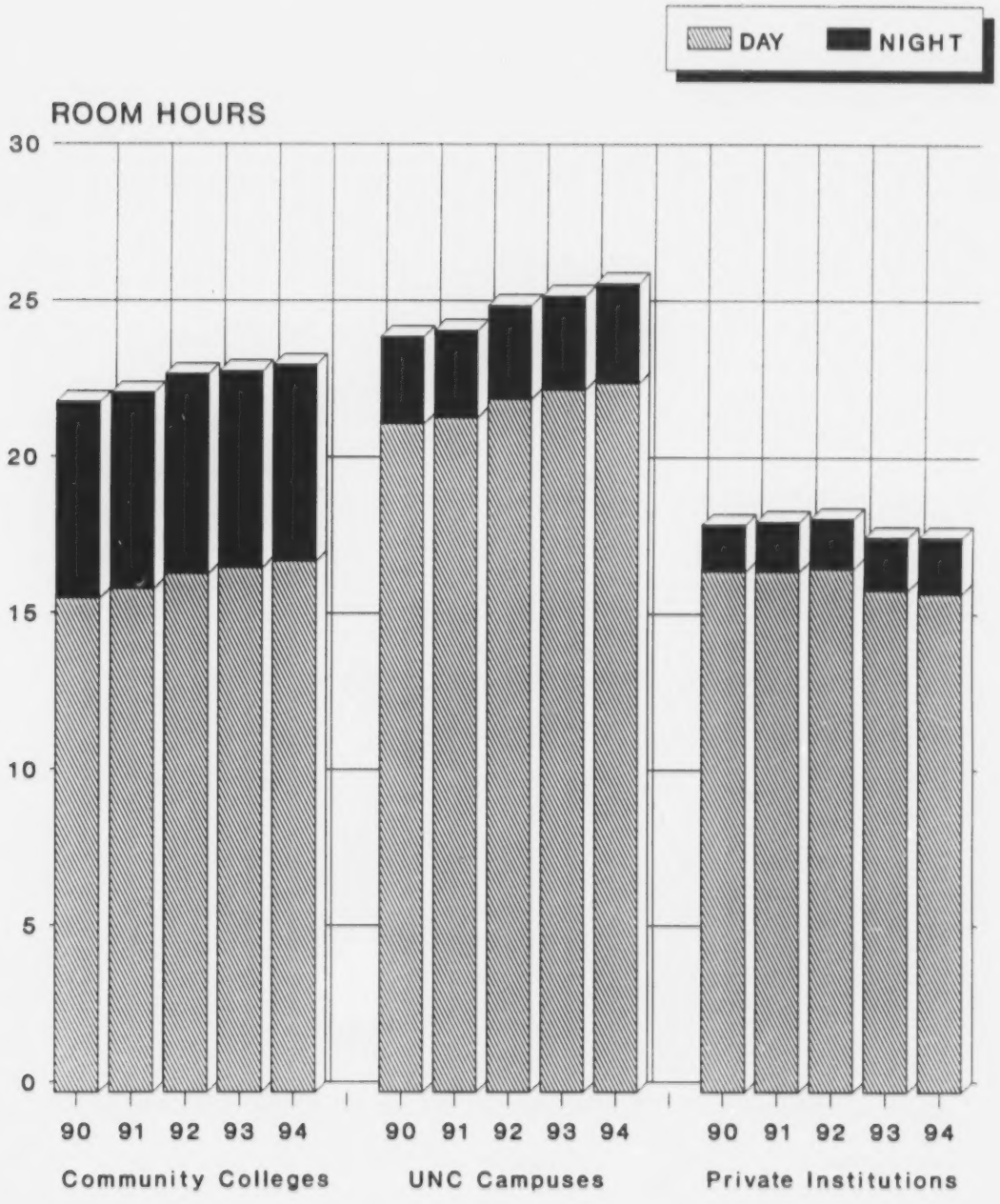


Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Research Universities I:								
NC State	7,816.5	29.7	2.9	32.6	31.4	30.6	30.9	31.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,524.5	25.4	0.9	26.3	25.4	25.6	25.8	26.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,341.0	27.5	1.9	29.4	28.3	28.1	28.3	28.9
Doctoral Granting Universities I:								
UNC-Greensboro	3,742.5	24.3	4.5	28.8	28.7	28.6	27.5	26.5
Comprehensive I Universities:								
Appalachian	5,180.0	23.5	1.8	25.3	27.3	26.0	25.0	24.4
East Carolina	5,685.0	23.2	4.0	27.2	27.2	25.9	24.4	22.6
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,951.0	18.6	4.3	22.9	21.8	22.0	19.0	23.3
NC A & T	3,163.0	18.3	2.5	20.8	18.7	20.0	18.4	19.0
NC Central	2,293.5	13.0	3.3	16.3	16.0	15.4	15.4	16.0
Pembroke	1,307.0	16.6	2.7	19.3	19.9	19.4	19.8	19.5
UNC-Charlotte	4,255.5	29.9	8.4	38.3	38.6	38.3	35.4	36.1
UNC-Wilmington	2,853.5	30.9	4.3	35.2	34.5	35.4	35.7	33.6
West'n Carolina	2,881.5	21.0	2.8	23.8	25.3	24.4	23.2	21.4
SUBTOTAL	29,570.0	21.6	3.6	25.2	25.7	25.3	23.9	23.7
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	1,091.5	16.5	1.7	18.2	19.1	17.6	16.8	16.5
UNC-Asheville	1,587.5	21.6	5.3	26.9	24.8	25.7	22.8	22.3
Winston-Salem	1,213.0	14.6	2.5	17.1	14.1	14.5	16.1	15.0
SUBTOTAL	3,892.0	17.3	3.1	20.4	19.0	18.9	18.8	18.3

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Specialized Institution:								
NC Sch. of Arts	548.0	16.8	0.9	17.7	15.6	16.3	16.2	10.0
Community Colleges:								
SUBTOTAL	63,548.0	17.0	6.3	23.3	23.1	23.0	22.4	22.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	6,001.0	16.7	1.3	18.0	18.0	19.8	19.4	19.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	21,790.0	16.0	2.0	18.0	17.9	18.1	18.3	18.0
Junior Colleges:								
SUBTOTAL	1,357.0	14.1	0.3	14.4	16.4	18.0	15.9	15.9
GRAND TOTAL	144,789.5	18.6	4.1	22.7	22.6	22.6	22.1	21.8

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Alamance CC	1,243.0	22.0	8.3	30.3	30.5	31.1	29.9	28.5
Anson CC	294.5	17.8	6.8	24.6	18.0	20.8	18.7	21.3
Ashev'le-Bun. TCC	2,032.5	16.3	5.4	21.7	21.1	20.1	20.0	20.1
Beaufort Co. CC	491.5	10.9	4.9	15.8	17.5	22.7	25.7	24.3
Bladen CC	354.0	15.9	7.7	23.6	21.5	20.5	20.6	22.4
Blue Ridge CC	863.0	11.2	6.1	17.3	19.9	27.0	27.1	21.4
Brunswick CC	675.0	20.2	3.9	24.1	27.0	20.0	22.0	23.4
Caldwell CC & TI	894.5	15.2	7.2	22.4	21.9	20.4	21.7	20.6
Cape Fear CC	1,377.5	29.2	9.0	38.2	37.0	33.2	32.7	34.1
Carteret CC	722.0	15.0	5.6	20.6	23.7	22.8	21.2	21.3
Catawba Vy. CC	1,639.5	18.5	7.5	26.0	28.8	28.5	27.0	24.9
C. Carolina CC	1,460.5	19.9	7.1	27.0	23.6	25.0	27.1	25.2
C. Piedmont CC	5,801.5	20.1	7.4	27.5	28.7	25.1	22.9	26.9
Cleveland CC	693.0	13.5	8.2	21.7	20.0	18.4	17.1	16.3
Coastal Car. CC	1,737.5	21.7	7.7	29.4	30.4	29.7	29.5	35.1
Col. Albemarle	824.0	15.9	5.8	21.7	23.4	25.2	23.4	20.5
Craven CC	1,017.5	17.2	5.4	22.6	22.5	21.9	18.7	19.7
Davidson Co. CC	1,079.5	13.5	4.5	18.0	23.9	23.2	22.3	19.0
Durham TCC	1,622.5	15.2	7.4	22.6	19.3	28.5	30.4	30.7
Edgecombe CC	713.0	12.6	4.3	16.9	17.7	17.3	17.6	13.9
Fayettev'le TCC	3,800.5	23.0	6.5	29.5	27.1	27.5	31.5	32.0
Forsyth TCC	2,007.0	12.3	6.5	18.8	18.3	15.9	19.9	20.9
Gaston Col.	1,407.5	17.4	7.3	24.7	23.8	26.6	24.3	19.8
Guilford TCC	3,025.5	16.4	5.2	21.6	22.2	22.4	22.1	23.5
Halifax CC	643.0	21.2	5.6	26.8	28.6	23.8	23.2	18.3
Haywood CC	596.0	14.4	4.8	19.2	21.3	24.8	20.2	20.6
Isothermal CC	689.5	12.3	5.0	17.3	16.4	18.2	18.8	18.9
J. Sprunt CC	449.5	11.5	2.1	13.6	14.8	15.0	14.7	15.9
Johnston CC	846.5	17.6	5.3	22.9	22.8	22.4	22.4	20.9
Lenoir CC	1,129.0	12.9	5.0	17.9	19.4	19.6	17.9	15.0

Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Martin CC	328.5	13.4	3.0	16.4	16.9	16.8	18.2	16.7
Mayland CC	408.0	12.7	5.8	18.5	24.4	24.1	26.1	21.2
McDowell TCC	413.5	12.9	6.8	19.7	15.4	15.0	15.3	8.6
Mitchell CC	1,048.5	14.6	8.2	22.8	23.0	18.9	15.4	14.1
Montgomery CC	151.0	7.2	4.4	11.6	11.5	21.2	16.0	16.7
Nash CC	858.0	16.8	10.0	26.8	28.6	27.5	22.8	19.6
Pamlico CC	220.0	19.4	8.1	27.5	25.3	25.3	22.6	22.0
Piedmont CC	412.0	10.8	4.5	15.3	15.8	14.8	14.7	14.0
Pitt CC	1,370.0	21.2	6.7	27.9	25.8	34.5	32.1	31.7
Randolph CC	866.5	12.3	7.4	19.7	18.7	17.3	16.5	19.2
Richmond CC	850.5	15.1	7.9	23.0	21.9	20.5	19.1	15.1
Roanoke-Cho. CC	419.0	18.1	2.8	20.9	19.1	19.0	17.2	15.9
Robeson CC	834.0	15.3	9.9	25.2	24.7	29.3	24.7	21.3
Rockingham CC	1,016.0	16.9	6.7	23.6	23.7	22.6	22.4	20.2
Rowan-Cab. CC	1,598.0	14.5	8.7	23.2	22.8	20.7	20.6	21.7
Sampson CC	872.0	19.8	9.3	29.1	27.3	23.9	22.5	21.5
Sandhills CC	1,081.0	18.4	2.8	21.2	17.1	16.5	20.3	19.9
Southeastern CC	682.0	15.2	2.8	18.0	17.4	17.0	13.0	16.1
Southwestern CC	629.5	16.9	3.5	20.4	18.8	18.4	18.3	20.7
Stanly CC	626.5	21.7	5.5	27.2	23.5	24.9	22.3	20.7
Surry CC	838.0	19.9	8.0	27.9	29.1	27.2	29.6	29.5
Tri-County CC	467.0	10.0	9.5	19.5	19.3	19.7	16.0	17.3
Vance-Granv. CC	1,067.5	18.7	9.4	28.1	24.8	24.3	20.5	21.2
Wake TCC	2,597.0	21.7	5.0	26.7	26.1	28.6	26.5	27.4
Wayne CC	1,220.5	18.6	4.5	23.1	23.7	23.3	20.0	20.8
W. Piedmont CC	868.0	17.6	8.0	25.6	25.5	27.3	27.2	29.7
Wilkes CC	1,079.5	18.0	4.9	22.9	24.2	24.6	26.6	27.0
Wilson TCC	596.0	15.0	6.3	21.3	19.5	16.4	18.4	16.9
TOTAL	63,548.0	17.0	6.3	23.3	23.1	23.0	22.4	22.1

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

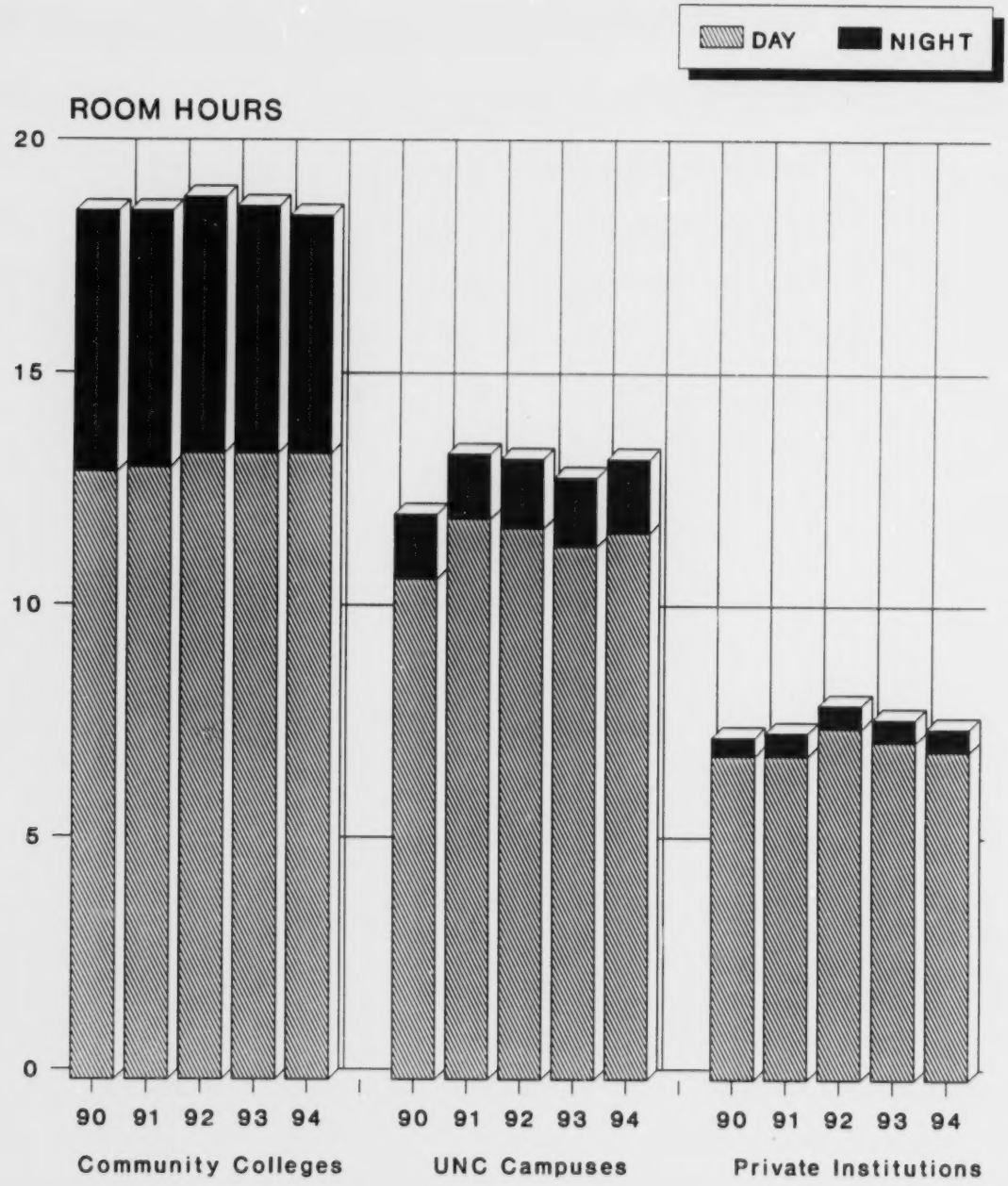


Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Research Universities I:								
NC State	2,956.5	11.3	1.4	12.7	11.9	11.8	12.1	10.0
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,164.0	11.6	2.3	13.9	13.2	16.3	16.7	14.7
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	4,120.5	11.3	1.7	13.0	12.2	13.1	13.5	11.3
Doctoral Granting Universities I:								
UNC-Greensboro	800.5	12.6	1.2	13.8	13.4	15.3	15.9	14.3
Comprehensive I Universities:								
Appalachian	1,150.0	11.6	1.1	12.7	13.5	14.7	14.1	13.1
East Carolina	1,996.5	12.7	1.8	14.5	15.0	15.5	16.4	14.6
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	461.5	11.5	1.3	12.8	11.5	11.2	11.2	12.7
NC A & T	1,021.5	11.9	1.2	13.1	12.8	12.3	10.5	11.6
NC Central	321.0	5.4	0.6	6.0	6.0	6.4	6.6	6.0
Pembroke	202.5	6.3	0.1	6.4	6.4	6.6	5.8	7.3
UNC-Charlotte	1,996.0	17.0	3.8	20.8	19.6	18.9	18.7	18.6
UNC-Wilmington	850.0	17.6	2.6	20.2	18.7	18.9	21.1	20.0
West'n Carolina	790.5	13.2	1.7	14.9	13.4	14.9	15.3	12.4
SUBTOTAL	8,789.5	12.4	1.7	14.1	14.2	14.6	14.5	13.9
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	496.5	12.0	1.1	13.1	10.8	10.5	9.6	8.4
UNC-Asheville	313.5	8.4	2.1	10.5	10.4	10.1	8.4	6.1
Winston-Salem	234.0	7.3	1.3	8.6	8.1	8.2	8.7	8.6
SUBTOTAL	1,044.0	9.5	1.5	11.0	9.1	9.0	8.2	7.4

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Specialized Institution:								
NC Sch. of Arts	541.5	11.3	0.5	11.8	12.9	12.1	13.0	9.6
Community Colleges:								
SUBTOTAL	40,045.5	13.5	5.1	18.6	18.8	19.0	18.7	18.7
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	737.0	5.3	0.2	5.5	6.2	6.5	6.5	4.7
Gen. Baccalaureate Colleges:								
SUBTOTAL	4,413.0	7.5	0.5	8.0	8.1	8.4	7.8	8.0
Junior Colleges:								
SUBTOTAL	398.5	7.5	0.1	7.6	7.5	8.1	6.7	7.3
GRAND TOTAL	60,890.0	11.9	3.3	15.2	15.1	15.5	15.3	14.9

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Alamance CC	1,082.0	18.4	7.3	25.7	25.1	26.3	26.5	25.4
Anson CC	376.5	16.8	6.8	23.6	21.7	23.0	20.3	22.9
Ashev'le-Bun. TCC	1,021.0	12.5	5.7	18.2	16.7	17.7	17.8	17.3
Beaufort Co. CC	680.0	15.4	4.6	20.0	20.9	26.1	21.4	22.0
Bladen CC	386.0	14.0	5.3	19.3	16.0	16.9	20.7	16.3
Blue Ridge CC	424.5	7.0	5.5	12.5	15.7	24.1	24.9	26.2
Brunswick CC	228.5	11.0	5.3	16.3	15.7	15.2	16.7	15.7
Caldwell CC & TI	613.0	9.5	5.4	14.9	16.0	15.6	15.5	17.4
Cape Fear CC	1,000.5	19.3	5.1	24.4	24.6	24.4	24.3	21.9
Carteret CC	449.0	10.9	5.7	16.6	16.8	17.9	17.2	17.3
Catawba Vy. CC	1,296.0	15.6	6.4	22.0	22.5	23.1	23.2	21.3
C. Carolina CC	905.5	12.4	3.7	16.1	14.8	15.6	16.8	17.4
C. Piedmont CC	3,117.5	21.1	6.0	27.1	27.5	23.4	22.5	25.3
Cleveland CC	589.0	6.9	5.6	12.5	13.3	13.7	11.8	12.3
Coastal Car. CC	1,048.5	17.9	5.9	23.8	22.3	22.1	22.1	24.4
Col. Albemarle	496.0	13.2	3.4	16.6	16.8	16.6	15.2	14.0
Craven CC	760.5	19.3	7.9	27.2	27.6	24.1	22.0	19.0
Davidson Co. CC	543.5	10.1	5.0	15.1	15.5	16.6	15.9	16.8
Durham TCC	687.5	10.3	5.0	15.3	16.5	22.1	21.5	21.1
Edgecombe CC	563.5	11.0	5.1	16.1	14.0	13.9	15.1	13.3
Fayettev'le TCC	1,099.5	13.1	3.3	16.4	15.9	15.4	18.1	19.3
Forsyth TCC	1,043.0	10.5	4.6	15.1	18.0	18.9	21.5	21.2
Gaston Col.	615.5	10.3	4.3	14.6	15.7	16.5	14.4	11.4
Guilford TCC	1,444.0	10.0	3.9	13.9	14.7	15.1	16.0	19.4
Halifax CC	600.0	23.6	6.4	30.0	29.9	27.7	28.0	17.9
Haywood CC	1,025.0	15.8	2.8	18.6	20.4	19.2	19.4	16.9
Isothermal CC	641.0	11.6	5.7	17.3	17.7	19.2	19.5	17.7
J. Sprunt CC	434.0	17.1	3.5	20.6	22.3	20.1	21.5	20.9
Johnston CC	547.0	9.4	5.0	14.4	13.4	14.7	13.5	13.7
Lenoir CC	499.0	11.1	3.6	14.7	19.1	19.0	16.4	16.7

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Martin CC	478.0	13.1	3.4	16.5	13.1	15.8	16.0	17.6
Mayland CC	225.5	18.1	7.0	25.1	28.7	27.3	23.0	29.8
McDowell TCC	552.0	13.3	10.7	24.0	22.3	21.9	22.3	20.0
Mitchell CC	407.5	6.7	5.0	11.7	12.0	15.7	15.9	16.5
Montgomery CC	527.5	15.3	7.6	22.9	23.5	22.5	23.9	24.8
Nash CC	440.0	11.4	6.2	17.6	20.6	16.5	16.6	19.1
Pamlico CC	98.0	7.1	6.9	14.0	16.3	21.8	17.6	19.9
Piedmont CC	400.0	11.4	6.8	18.2	19.7	23.3	17.9	18.4
Pitt CC	704.0	10.9	2.4	13.3	12.7	21.2	20.7	20.7
Randolph CC	720.5	13.1	4.5	17.6	18.2	17.5	16.8	19.9
Richmond CC	387.0	11.7	5.9	17.6	16.8	14.2	15.8	14.4
Roanoke-Cho. CC	300.0	15.1	4.9	20.0	20.0	13.2	12.4	14.1
Robeson CC	597.0	9.8	7.7	17.5	16.2	18.2	17.4	16.4
Rockingham CC	760.5	13.4	5.6	19.0	20.3	19.7	18.0	15.2
Rowan-Cab. CC	683.0	11.9	6.5	18.4	19.2	18.7	17.1	19.0
Sampson CC	254.5	13.3	7.9	21.2	20.9	21.4	20.9	18.9
Sandhills CC	608.0	13.4	2.2	15.6	12.0	12.7	15.2	15.6
Southeastern CC	348.0	8.8	1.7	10.5	15.2	12.6	12.6	9.6
Southwestern CC	528.5	12.5	3.1	15.6	12.8	11.2	11.7	11.8
Stanly CC	477.0	15.5	4.4	19.9	17.8	18.2	18.2	20.4
Surry CC	881.0	20.9	6.6	27.5	26.4	26.3	23.9	23.7
Tri-County CC	255.5	6.0	6.8	12.8	14.0	13.6	13.2	12.7
Vance-Granv. CC	1,003.0	16.9	9.5	26.4	24.4	23.7	17.7	26.4
Wake TCC	1,568.0	20.7	6.4	27.1	25.6	25.5	25.1	23.1
Wayne CC	724.5	14.2	3.0	17.2	16.1	16.3	14.2	13.0
W. Piedmont CC	521.0	13.4	6.6	20.0	21.8	19.5	22.3	22.6
Wilkes CC	745.5	14.9	2.9	17.8	19.3	21.3	17.6	19.0
Wilson TCC	634.0	13.0	6.8	19.8	20.1	19.9	19.6	17.7
TOTAL	40,045.5	13.5	5.1	18.6	18.8	19.0	18.7	18.7

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

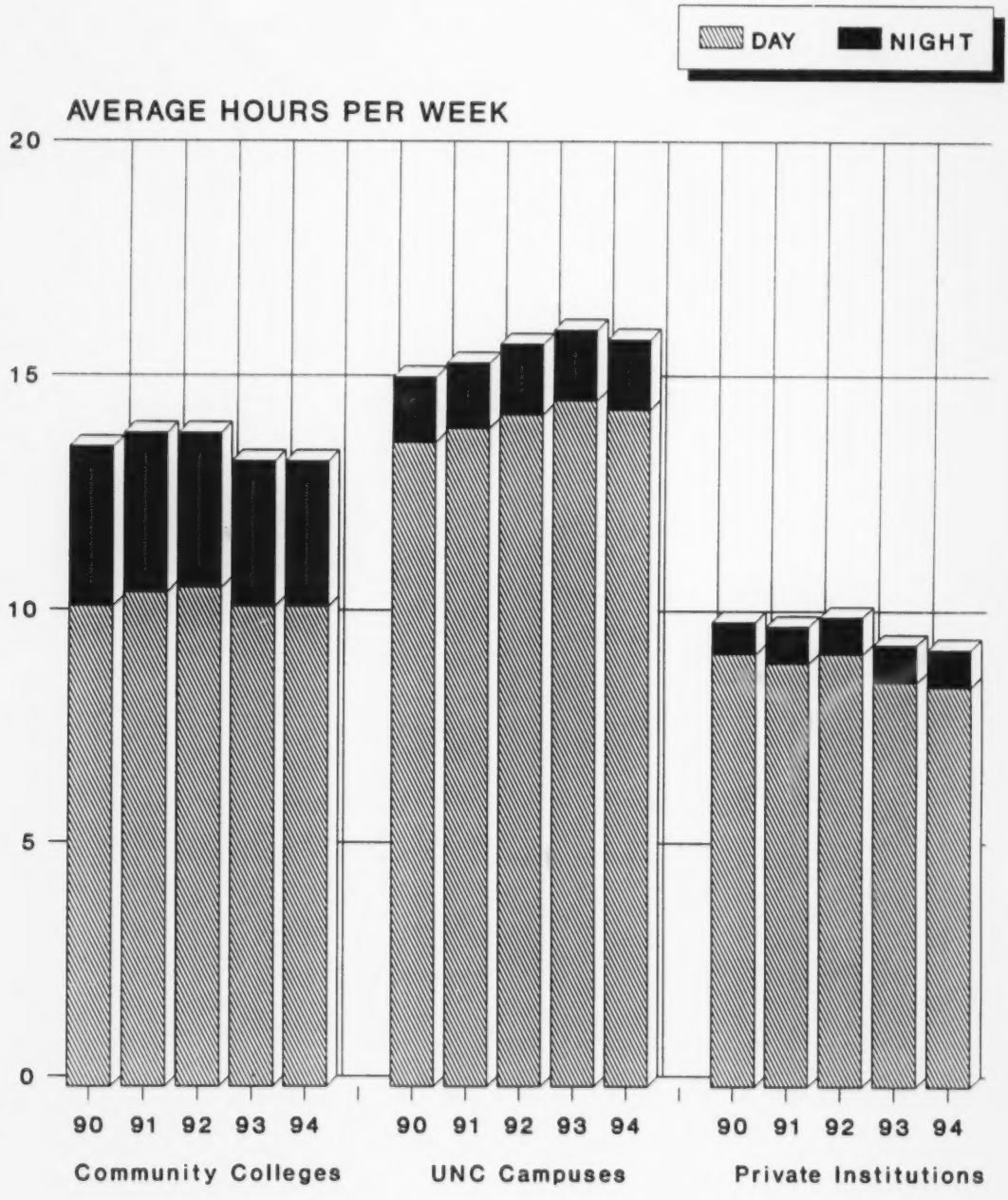


Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Research Universities I:								
NC State	13,861	18.4	1.4	19.8	19.5	19.6	19.6	20.1
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,696	16.1	0.4	16.5	15.7	15.3	16.0	17.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,557	17.2	0.9	18.1	17.7	17.4	17.8	18.7
Doctoral Granting Universities I:								
UNC-Greensboro	7,033	14.4	2.1	16.5	17.5	17.3	17.0	17.6
Comprehensive I Universities:								
Appalachian	8,747	14.7	0.9	15.6	16.0	15.8	15.2	14.9
East Carolina	9,995	16.1	2.2	18.3	18.5	17.4	15.4	13.8
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	3,489	10.0	1.7	11.7	11.9	11.2	10.5	12.6
NC A & T	6,810	12.3	1.2	13.5	14.8	14.0	12.5	10.4
NC Central	6,289	8.0	1.6	9.6	10.0	9.5	9.3	9.8
Pembroke	2,837	9.3	1.1	10.4	10.6	10.5	10.4	10.0
UNC-Charlotte	6,390	19.2	3.8	23.0	23.7	23.0	23.3	20.9
UNC-Wilmington	4,082	20.0	2.2	22.2	22.6	22.8	23.6	19.3
West'n Carolina	5,217	12.1	1.4	13.5	14.1	15.1	14.1	12.9
SUBTOTAL	53,856	14.0	1.8	15.8	16.7	16.3	15.5	14.4
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	2,598	9.1	0.7	9.8	10.4	9.1	8.3	8.2
UNC-Asheville	2,402	12.1	2.5	14.6	13.7	14.1	13.0	12.7
Winston-Salem	3,388	7.8	1.1	8.9	7.9	7.7	7.9	7.9
SUBTOTAL	8,388	9.4	1.4	10.8	10.3	10.0	9.8	9.6

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Specialized Institution:								
NC Sch. of Arts	767	10.1	0.5	10.6	9.7	9.4	8.9	5.5
Community Colleges:								
SUBTOTAL	87,626	10.3	3.1	13.4	13.4	14.0	14.0	13.7
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	15,508	9.6	0.5	10.1	10.3	12.1	11.1	11.3
Gen. Baccalaureate Colleges:								
SUBTOTAL	47,235	8.3	0.9	9.2	9.2	9.6	9.7	9.7
Junior Colleges:								
SUBTOTAL	3,134	7.8	0.2	8.0	9.3	10.1	8.5	9.4
GRAND TOTAL	251,104	11.5	1.9	13.4	13.5	13.7	13.5	13.4

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Alamance CC	1,614	10.5	3.4	13.9	14.6	16.1	14.6	15.5
Anson CC	295	13.5	4.4	17.9	9.2	11.3	10.4	10.1
Ashev'le-Bun. TCC	2,837	10.1	3.2	13.3	12.6	12.2	12.1	12.7
Beaufort Co. CC	756	7.8	2.3	10.1	10.6	14.5	14.9	14.2
Bladen CC	463	7.6	2.7	10.3	10.8	10.5	11.2	13.1
Blue Ridge CC	1,396	6.7	2.9	9.6	10.8	14.0	14.1	14.1
Brunswick CC	849	10.9	1.8	12.7	13.6	12.7	12.1	12.1
Caldwell CC & TI	1,234	8.1	3.8	11.9	12.9	11.4	12.5	11.7
Cape Fear CC	1,199	18.7	5.6	24.3	23.8	23.2	25.0	24.6
Carteret CC	990	10.3	3.6	13.9	15.4	15.9	14.1	13.3
Catawba Vy. CC	1,757	11.6	4.3	15.9	18.5	19.6	18.7	16.6
C. Carolina CC	1,609	12.4	3.2	15.6	12.8	15.2	15.8	14.6
C. Piedmont CC	7,387	12.0	3.9	15.9	16.6	16.8	15.1	18.8
Cleveland CC	1,013	7.6	3.0	10.6	9.9	10.1	8.3	8.8
Coastal Car. CC	1,771	15.0	4.4	19.4	18.0	19.1	18.8	24.7
Col. Albemarle	1,286	8.9	2.9	11.8	12.6	14.9	13.5	13.1
Craven CC	1,464	9.1	2.0	11.1	12.4	12.2	11.2	11.4
Davidson Co. CC	2,243	7.5	1.9	9.4	13.6	13.7	13.9	10.7
Durham TCC	2,246	9.2	4.5	13.7	10.9	20.0	18.5	21.4
Edgecombe CC	1,048	8.7	2.5	11.2	10.7	12.1	11.6	7.3
Fayettev'le TCC	4,580	13.5	2.7	16.2	14.8	15.3	17.8	15.0
Forsyth TCC	3,696	7.2	3.3	10.5	10.3	9.4	13.0	13.5
Gaston Col.	2,183	10.5	3.3	13.8	12.6	13.5	14.6	12.2
Guilford TCC	4,710	11.0	2.9	13.9	14.3	15.4	15.2	15.8
Halifax CC	809	12.1	2.7	14.8	15.3	13.9	13.4	10.7
Haywood CC	796	9.6	2.3	11.9	12.1	12.6	11.2	11.6
Isothermal CC	1,135	7.3	2.1	9.4	10.1	11.2	11.5	11.0
J. Sprunt CC	803	8.4	1.2	9.6	10.5	10.3	11.2	10.2
Johnston CC	1,348	11.1	2.6	13.7	14.4	14.2	14.2	13.1
Lenoir CC	1,806	8.6	2.3	10.9	12.9	13.5	11.8	9.0

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Martin CC	574	7.6	1.3	8.9	9.5	11.0	10.2	8.0
Mayland CC	601	7.1	2.4	9.5	11.5	13.4	15.0	10.9
McDowell TCC	462	5.0	3.1	8.1	6.8	5.0	6.8	5.3
Mitchell CC	1,507	8.3	3.4	11.7	12.4	10.4	9.5	9.0
Montgomery CC	288	3.6	1.9	5.5	5.0	10.5	10.2	8.8
Nash CC	1,092	8.5	4.5	13.0	14.0	14.3	12.9	10.1
Pamlico CC	186	10.6	3.4	14.0	10.5	11.2	8.9	9.1
Piedmont CC	566	6.5	2.7	9.2	12.2	11.5	11.6	10.9
Pitt CC	1,662	13.9	3.7	17.6	16.7	23.4	23.9	22.5
Randolph CC	1,017	9.2	4.0	13.2	13.2	12.7	13.0	14.3
Richmond CC	1,000	10.1	4.1	14.2	12.5	12.8	13.2	10.6
Roanoke-Cho. CC	565	11.5	1.6	13.1	11.9	11.5	9.5	10.0
Robeson CC	1,063	9.5	4.0	13.5	13.6	15.7	16.1	11.6
Rockingham CC	1,609	10.0	3.2	13.2	12.9	13.2	13.0	11.5
Rowan-Cab. CC	2,456	7.9	3.8	11.7	11.1	10.9	10.7	10.9
Sampson CC	888	12.0	5.0	17.0	17.6	13.7	14.3	13.9
Sandhills CC	2,049	10.3	1.2	11.5	9.7	9.2	12.4	11.2
Southeastern CC	1,515	9.2	1.1	10.3	9.9	10.6	9.2	10.9
Southwestern CC	868	11.0	2.1	13.1	13.1	13.8	12.9	13.1
Stanly CC	786	12.2	2.5	14.7	12.2	12.7	11.0	10.7
Surry CC	948	14.4	4.7	19.1	19.8	19.6	21.6	21.9
Tri-County CC	765	5.2	5.1	10.3	9.5	9.5	7.9	9.8
Vance-Granv. CC	1,106	10.7	4.1	14.8	13.3	12.9	11.6	11.8
Wake TCC	3,363	12.8	2.3	15.1	14.6	16.0	15.5	16.6
Wayne CC	1,764	11.8	2.1	13.9	14.9	15.8	13.2	12.9
W. Piedmont CC	1,191	9.8	3.6	13.4	13.7	14.1	16.1	17.9
Wilkes CC	1,622	7.8	1.6	9.4	11.0	11.6	14.4	14.9
Wilson TCC	790	8.7	2.9	11.6	11.1	9.7	11.5	10.9
TOTAL	87,626	10.3	3.1	13.4	13.4	14.0	14.4	13.7

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

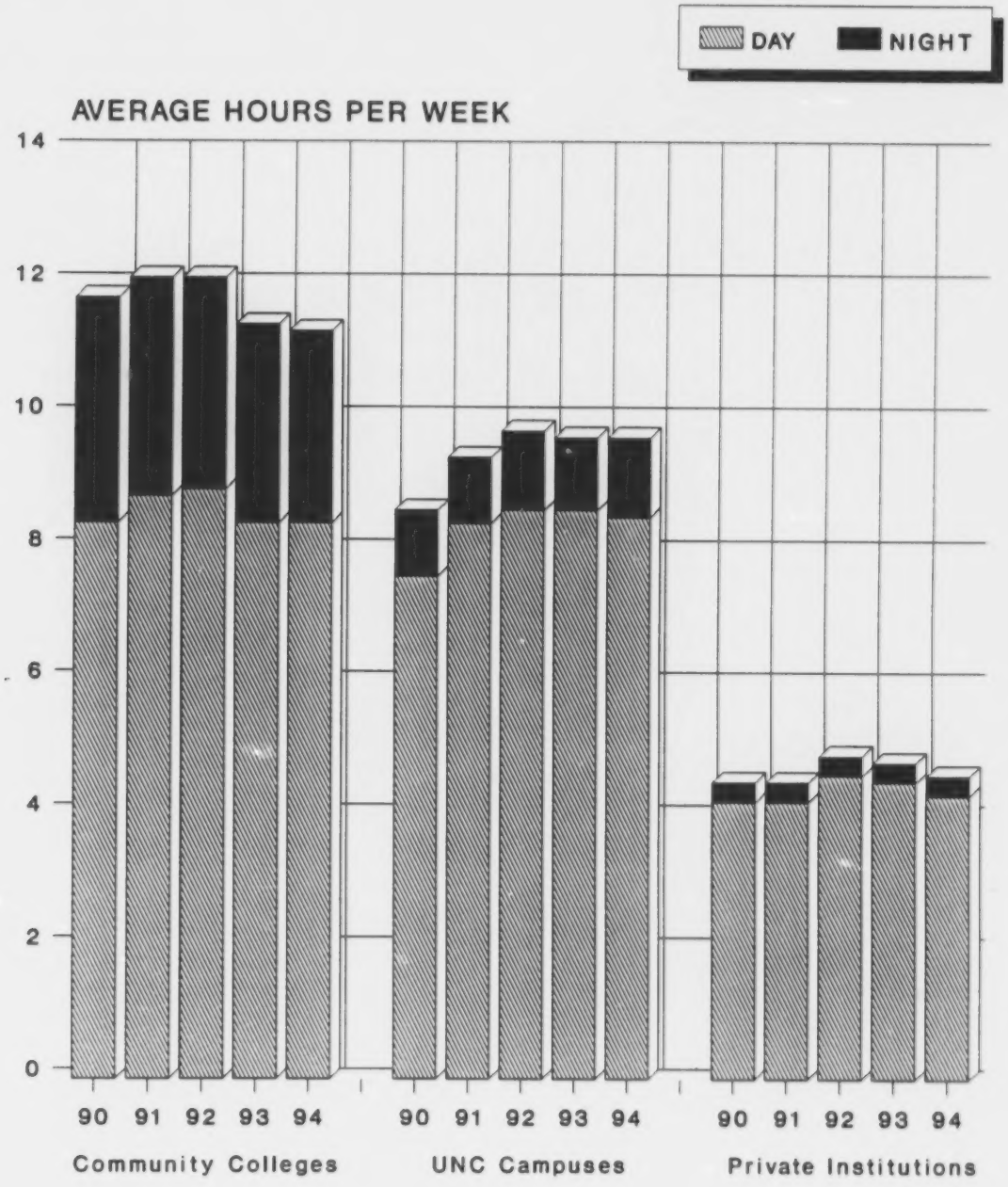


Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Research Universities I:								
NC State	5,407	10.0	1.2	11.2	10.9	10.6	11.0	8.9
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,543	6.6	1.9	8.5	8.5	10.4	11.2	9.8
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	7,950	8.9	1.4	10.3	10.1	10.5	11.0	9.2
Doctoral Granting Universities I:								
UNC-Greensboro	1,645	9.1	0.7	9.8	9.5	10.6	10.2	10.3
Comprehensive I Universities:								
Appalachian	2,332	9.0	0.9	9.9	10.4	10.7	10.0	10.4
East Carolina	3,509	9.2	1.4	10.6	10.7	11.1	10.0	9.1
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,214	6.0	1.2	7.2	5.8	6.9	6.2	7.6
NC A & T	2,256	8.5	1.1	9.6	10.3	8.8	7.0	6.1
NC Central	1,443	3.5	0.4	3.9	4.5	4.4	4.6	4.6
Pembroke	790	4.0	0.0	4.0	4.8	4.6	4.1	5.0
UNC-Charlotte	2,594	12.3	2.6	14.9	14.3	13.0	13.7	13.6
UNC-Wilmington	991	15.1	2.2	17.3	16.1	16.2	16.6	13.5
West'n Carolina	1,455	7.3	0.9	8.2	7.5	7.8	7.3	5.9
SUBTOTAL	16,584	8.8	1.3	10.1	10.2	10.1	9.5	9.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	1,116	7.0	0.4	7.4	7.6	7.6	6.0	5.7
UNC-Asheville	849	5.7	1.0	6.7	6.0	6.2	5.4	4.6
Winston-Salem	749	4.9	0.9	5.8	5.8	4.8	5.3	5.3
SUBTOTAL	2,714	6.0	0.7	6.7	6.3	6.0	5.3	5.2

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Specialized Institution:								
NC Sch. of Arts	1,057	8.1	0.5	8.6	9.9	9.5	9.4	7.0
Community Colleges:								
SUBTOTAL	49,372	8.4	2.9	11.3	11.4	12.1	12.1	11.8
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,713	4.4	0.2	4.6	5.4	4.9	4.9	4.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	14,306	4.3	0.3	4.6	4.7	4.9	4.5	4.6
Junior Colleges:								
SUBTOTAL	1,218	4.3	0.1	4.4	4.6	4.8	3.7	4.3
GRAND TOTAL	97,559	7.7	1.9	9.6	9.6	10.1	9.9	9.5

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Alamance CC	1,116	10.9	3.4	14.3	13.6	14.6	15.6	12.9
Anson CC	344	9.8	3.8	13.6	10.7	11.4	9.5	9.7
Ashev'le-Bun. TCC	1,277	7.9	3.8	11.7	10.7	11.1	10.8	11.2
Beaufort Co. CC	720	9.0	3.2	12.2	12.7	19.6	13.9	13.5
Bladen CC	454	7.9	3.0	10.9	9.7	10.9	12.6	9.4
Blue Ridge CC	751	4.7	2.8	7.5	8.6	12.6	13.2	13.5
Brunswick CC	311	8.2	2.1	10.3	10.0	10.9	11.3	10.2
Caldwell CC & TI	730	7.0	3.8	10.8	12.5	12.3	13.2	11.4
Cape Fear CC	875	13.0	3.7	16.7	18.4	18.6	18.6	18.7
Carteret CC	584	6.9	3.3	10.2	9.1	11.4	10.0	10.4
Catawba Vy. CC	1,294	10.3	3.9	14.2	15.9	15.7	16.3	15.5
C. Carolina CC	1,210	8.8	2.1	10.9	9.2	10.5	11.1	11.4
C. Piedmont CC	2,808	12.2	3.3	15.5	13.9	15.7	14.6	15.5
Cleveland CC	1,033	3.9	3.8	7.7	8.6	8.4	6.8	7.6
Coastal Car. CC	1,048	13.0	4.1	17.1	15.5	16.3	15.1	16.1
Col. Albemarle	687	7.9	1.9	9.8	9.8	10.1	8.9	8.4
Craven CC	745	10.7	3.8	14.5	17.0	14.9	14.3	10.7
Davidson Co. CC	909	6.7	2.5	9.2	9.1	10.1	10.4	10.3
Durham TCC	1,046	6.8	3.0	9.8	9.5	15.1	14.0	14.1
Edgecombe CC	637	7.7	3.4	11.1	9.9	10.7	10.5	8.1
Fayettev'le TCC	1,597	8.7	1.8	10.5	10.4	9.7	11.4	10.9
Forsyth TCC	1,659	6.4	2.9	9.3	10.9	11.5	14.2	13.7
Gaston Col.	1,116	6.8	2.3	9.1	8.6	10.2	9.2	7.6
Guilford TCC	2,325	7.3	2.8	10.1	10.6	11.6	12.1	14.3
Halifax CC	575	10.6	2.7	13.3	13.7	12.8	11.3	7.7
Haywood CC	1,087	10.0	1.8	11.8	12.8	12.0	13.0	11.2
Isothermal CC	882	7.2	2.8	10.0	9.9	12.2	12.2	11.0
J. Sprunt CC	462	9.0	2.6	11.6	11.6	11.5	12.3	9.6
Johnston CC	1,042	5.7	2.3	8.0	8.0	8.2	8.2	9.1
Lenoir CC	735	7.9	1.8	9.7	12.8	12.4	12.4	10.8

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1994	1993	1992	1991	1990
Community Colleges:								
Martin CC	774	5.6	1.5	7.1	7.4	10.2	9.9	10.3
Mayland CC	215	9.0	2.7	11.7	14.7	15.6	13.6	14.8
McDowell TCC	573	6.6	4.6	11.2	11.5	10.3	15.3	12.1
Mitchell CC	813	3.6	2.7	6.3	6.2	9.0	10.2	8.9
Montgomery CC	429	10.6	4.9	15.5	13.6	12.2	13.8	15.6
Nash CC	447	8.9	3.6	12.5	14.4	11.7	13.9	17.5
Pamlico CC	110	4.7	3.6	8.3	8.5	12.9	9.5	10.5
Piedmont CC	471	6.1	3.2	9.3	12.7	12.0	8.8	8.6
Pitt CC	955	8.2	1.8	10.0	10.0	16.3	16.3	15.0
Randolph CC	840	9.8	2.8	12.6	12.1	11.7	11.7	13.7
Richmond CC	425	8.4	4.0	12.4	11.8	9.1	10.3	8.9
Roanoke-Cho. CC	348	10.2	2.8	13.0	11.8	9.1	6.4	7.4
Robeson CC	1,022	6.0	3.7	9.7	8.6	8.4	8.1	9.0
Rockingham CC	928	7.7	3.0	10.7	12.1	10.7	10.2	8.5
Rowan-Cab. CC	914	5.8	3.1	8.9	10.4	11.3	11.1	11.8
Sampson CC	286	8.7	2.8	11.5	11.8	11.0	10.0	10.2
Sandhills CC	1,006	8.4	1.1	9.5	6.6	7.8	9.6	9.3
Southeastern CC	774	5.8	1.0	6.8	7.0	7.5	7.9	6.1
Southwestern CC	658	10.9	1.8	12.7	10.7	10.6	9.5	8.5
Stanly CC	796	6.0	1.6	7.6	7.6	7.4	8.5	8.9
Surry CC	768	13.3	4.6	17.9	17.3	18.1	18.0	16.1
Tri-County CC	361	3.4	4.5	7.9	10.1	11.3	10.0	9.0
Vance-Granv. CC	973	8.5	4.1	12.6	15.2	16.6	11.4	17.4
Wake TCC	1,106	14.5	4.8	19.3	18.0	18.4	19.0	17.1
Wayne CC	1,018	9.0	1.9	10.9	11.8	12.3	10.6	9.1
W. Piedmont CC	606	8.8	3.7	12.5	13.5	13.4	15.0	15.4
Wilkes CC	1,000	7.3	1.4	8.7	7.4	9.8	9.9	9.6
Wilson TCC	697	6.9	4.0	10.9	11.3	12.6	11.1	10.5
TOTAL	49,372	8.4	2.9	11.3	11.4	12.1	12.1	11.8

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

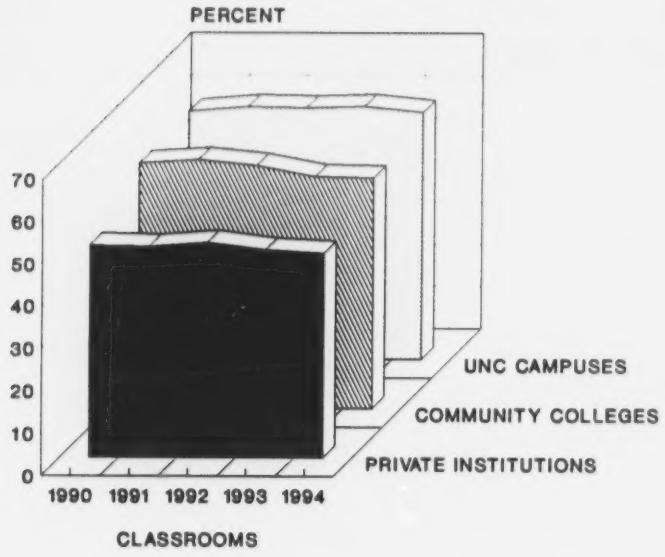
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



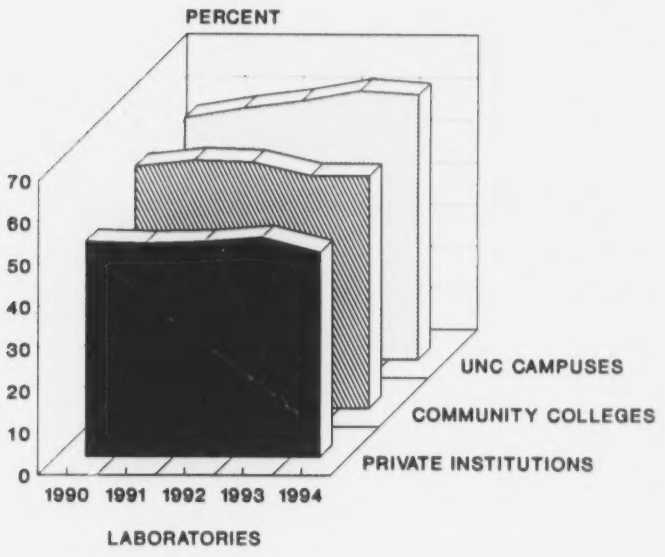


Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Research Universities I:										
NC State	60.7	62.0	63.2	63.2	62.6	78.3	77.4	75.6	75.8	73.3
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	60.1	59.9	58.3	62.0	64.5	53.0	54.3	59.2	59.0	54.4
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	60.4	61.1	61.0	62.7	63.5	69.5	69.4	69.2	69.0	64.7
Doctoral Granting Universities I:										
UNC-Greensboro	59.1	61.7	61.7	61.3	63.6	56.3	57.9	56.7	53.6	58.5
Comprehensive I Universities:										
Appalachian	58.1	56.1	58.1	58.1	58.1	59.2	59.1	58.5	59.0	62.3
East Carolina	63.1	64.3	62.2	58.2	56.2	70.3	67.3	62.6	58.4	53.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	49.1	51.0	46.9	49.7	50.7	51.9	47.2	55.7	54.8	54.6
NC A & T	65.6	74.8	68.1	64.9	53.3	65.3	75.7	61.6	50.2	40.4
NC Central	51.1	54.0	54.2	53.0	54.4	53.6	56.6	58.2	57.6	63.3
Pembroke	51.2	51.0	51.3	50.4	50.1	54.2	61.7	61.0	57.3	57.3
UNC-Charlotte	60.2	62.9	62.2	66.8	59.9	62.8	64.4	61.2	63.6	62.6
UNC-Wilmington	63.2	66.3	64.7	65.9	58.0	71.1	72.5	68.0	69.6	59.9
West'n Carolina	52.5	52.8	58.6	57.6	56.7	50.0	47.8	43.2	41.9	40.4
SUBTOTAL	58.8	61.0	60.4	60.2	56.8	62.4	63.4	59.4	57.6	54.8
Comprehensive II and Liberal Arts I Universities:										
Elizabeth City	47.3	50.5	46.4	44.4	45.6	45.3	53.8	54.2	43.5	49.1
UNC-Asheville	50.1	50.4	50.8	49.2	51.7	55.6	57.5	53.1	51.5	51.8
Winston-Salem	44.2	45.3	43.8	41.7	43.8	66.9	58.2	49.2	45.9	52.2
SUBTOTAL	47.2	49.2	48.2	46.5	48.0	52.4	56.6	54.1	48.0	51.9

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Specialized Institution:										
NC Sch. of Arts	56.0	56.6	57.5	55.2	58.4	63.2	62.7	65.3	62.9	60.9
Community Colleges:										
SUBTOTAL	54.5	54.8	57.4	58.8	58.0	55.5	55.5	58.6	59.0	57.6
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	50.3	52.0	55.0	52.2	50.3	62.0	71.2	66.3	65.6	71.8
Gen. Baccalaureate Colleges:										
SUBTOTAL	47.4	47.7	49.2	48.9	49.4	47.1	49.3	49.6	49.2	49.1
Junior Colleges:										
SUBTOTAL	54.4	57.0	55.6	52.7	58.1	47.9	53.0	48.5	46.9	49.8
GRAND TOTAL	54.9	55.8	56.9	57.3	56.5	57.0	57.5	58.7	58.5	57.0

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Community Colleges:										
Alamance CC	42.4	45.2	47.6	44.7	50.2	50.9	50.2	52.4	55.3	49.3
Anson CC	70.4	51.6	50.4	49.4	43.8	55.7	47.9	46.8	45.2	40.7
Ashev'le-Bun. TCC	56.9	57.6	59.1	57.5	62.6	61.0	59.7	57.0	56.7	59.2
Beaufort Co. CC	56.2	55.3	60.0	51.7	54.8	59.7	58.2	71.8	61.0	58.7
Bladen CC	41.6	49.7	49.1	50.6	53.0	49.4	52.6	59.1	56.4	53.6
Blue Ridge CC	47.7	47.5	49.8	49.8	60.7	58.7	48.5	50.0	50.9	49.6
Brunswick CC	54.0	51.4	64.4	57.2	52.0	58.9	56.5	60.0	61.1	62.6
Caldwell CC & TI	48.3	54.3	49.8	53.7	52.0	56.4	58.8	61.6	63.8	54.0
Cape Fear CC	64.0	65.1	70.9	73.5	70.4	64.1	69.1	70.9	72.5	80.1
Carteret CC	59.4	59.5	60.8	59.1	55.0	59.6	53.7	60.9	59.1	61.1
Catawba Vy. CC	57.2	58.6	63.9	63.6	61.8	62.9	68.3	65.5	68.0	69.2
C. Carolina CC	54.1	49.9	56.9	55.5	55.5	61.7	56.2	60.7	58.6	57.7
C. Piedmont CC	55.1	55.7	62.9	62.6	62.3	48.0	42.9	52.5	51.0	51.9
Cleveland CC	46.4	47.7	52.4	49.3	50.2	52.1	57.2	53.8	53.1	55.2
Coastal Car. CC	66.0	59.6	64.1	64.1	69.1	69.0	67.7	69.0	65.5	61.6
Col. Albemarle	48.3	48.3	56.0	54.8	59.2	54.1	52.8	56.0	52.9	54.4
Craven CC	48.3	55.1	54.1	56.7	53.4	51.5	58.1	55.5	57.1	52.6
Davidson Co. CC	51.0	52.8	53.5	58.7	52.9	53.1	55.4	56.7	60.8	57.5
Durham TCC	58.8	52.2	64.3	62.8	63.8	57.3	52.0	64.1	58.8	58.5
Edgecombe CC	65.0	59.2	70.0	65.9	51.4	61.3	59.0	68.8	63.4	54.2
Fayettev'le TCC	53.5	52.2	53.5	54.1	46.1	58.2	59.5	58.8	58.0	52.5
Forsyth TCC	54.6	56.2	58.3	62.9	61.0	61.3	61.3	62.9	67.9	64.9
Gaston Col.	54.5	51.0	51.4	59.4	64.1	57.2	52.9	59.1	63.4	60.7
Guilford TCC	61.5	62.7	67.2	67.9	67.1	63.3	64.5	70.1	69.2	68.1
Halifax CC	51.9	51.6	54.0	54.2	52.4	44.4	45.8	43.6	39.6	41.1
Haywood CC	54.9	54.2	48.7	50.4	50.8	55.5	55.4	59.1	59.7	60.3
Isothermal CC	49.1	56.5	54.5	55.6	51.5	54.0	50.8	57.0	56.2	51.3
J. Sprunt CC	57.7	61.6	57.9	72.3	58.3	49.2	47.8	52.6	52.1	41.2
Johnston CC	54.7	59.7	60.4	62.0	58.4	50.6	53.0	49.6	54.2	55.3
Lenoir CC	59.7	64.4	63.2	61.1	50.0	59.8	60.8	61.4	58.8	50.9

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Community Colleges:										
Martin CC	50.8	52.1	62.3	54.5	45.4	39.5	44.3	57.8	55.2	54.7
Mayland CC	50.3	46.9	54.6	58.4	52.0	48.7	55.0	61.9	63.2	54.2
McDowell TCC	38.5	38.6	31.3	34.4	46.7	44.6	48.7	43.7	65.5	56.5
Mitchell CC	49.5	52.4	51.8	59.2	57.1	51.0	45.4	49.7	56.4	49.4
Montgomery CC	45.7	42.5	44.1	52.0	48.5	66.4	56.6	54.9	57.5	60.9
Nash CC	50.4	50.3	54.0	61.4	53.6	67.7	66.5	69.4	75.3	83.9
Pamlico CC	45.6	38.4	40.7	34.1	38.4	50.9	44.2	56.0	46.5	46.7
Piedmont CC	51.3	65.6	68.0	70.8	72.7	45.9	59.2	49.2	49.4	46.8
Pitt CC	60.8	61.6	64.8	70.6	68.2	66.0	70.7	65.7	65.5	61.3
Randolph CC	60.8	62.4	68.9	72.1	67.3	68.2	64.4	64.1	66.8	65.3
Richmond CC	57.0	51.6	56.6	62.9	60.2	65.0	63.2	60.8	62.7	59.5
Roanoke-Cho. CC	57.5	59.0	56.4	51.0	56.6	62.5	57.1	60.1	48.4	48.8
Robeson CC	53.7	56.0	52.9	62.8	55.7	54.8	52.9	45.8	48.4	54.0
Rockingham CC	53.9	52.3	56.3	55.8	53.1	45.9	49.5	45.8	46.1	48.8
Rowan-Cab. CC	49.0	48.3	50.8	49.9	49.9	48.6	53.8	59.5	62.6	61.3
Sampson CC	53.9	59.4	53.3	57.8	56.2	54.0	54.6	49.3	45.5	51.8
Sandhills CC	54.1	57.1	56.1	57.4	53.6	54.9	52.8	59.0	62.0	56.7
Southeastern CC	52.5	52.8	58.2	61.6	62.0	48.0	44.2	57.7	58.7	62.2
Southwestern CC	57.8	59.8	63.5	62.8	57.2	79.4	78.7	87.1	72.2	68.5
Stanly CC	52.0	48.2	48.4	46.6	48.8	36.1	40.2	40.7	45.8	42.2
Surry CC	65.3	65.3	68.8	70.7	71.6	62.7	63.4	65.9	72.1	66.2
Tri-County CC	49.8	46.5	46.8	47.6	52.2	56.5	64.8	74.5	68.6	64.2
Vance-Granv. CC	49.5	53.6	50.8	52.3	49.6	44.2	59.1	67.6	59.7	63.0
Wake TCC	57.3	56.0	54.6	57.8	59.8	66.9	66.5	68.0	70.4	67.2
Wayne CC	56.0	58.5	64.8	59.5	56.1	55.3	64.4	66.6	68.2	62.9
W. Piedmont CC	51.0	52.3	50.4	59.8	61.4	57.6	57.5	63.9	63.1	63.5
Wilkes CC	39.3	42.3	43.7	51.9	53.9	43.9	35.7	43.0	53.9	49.2
Wilson TCC	51.6	53.3	51.9	56.0	55.4	51.6	52.7	61.4	51.0	52.1
TOTAL	54.5	54.8	57.4	58.8	58.0	55.5	55.5	58.6	59.0	57.6

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pp. 117-118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Community/Technical Colleges	19
By Level:	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
All North Carolina Institutions	16

Table 8

Student Clock Hours of Instruction

INSTITUTION	1994			1993			1992		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	274,428.0	60,329.5	17,066.5	270,952.5	59,016.5	19,138.5	272,222.0	56,622.5	20,023.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	225,786.0	21,591.0	9,272.5	214,503.5	22,057.0	8,516.5	212,516.5	28,013.0	10,764.0
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	500,214.0	81,920.5	26,339.0	485,456.0	81,073.5	27,655.0	484,738.5	84,635.5	30,787.5
Doctoral Granting Universities I:									
UNC-Greensboro	116,297.5	16,091.0	13,481.0	119,042.0	16,593.5	12,702.5	115,198.0	17,954.5	13,447.0
Comprehensive I Universities:									
Appalachian	136,356.0	22,996.5	6,180.5	142,246.5	24,108.5	2,524.5	140,053.5	24,892.0	270.0
East Carolina	183,566.0	37,206.0	10,778.5	186,747.5	38,201.5	9,516.0	174,010.5	36,258.0	11,616.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	40,649.5	8,753.5	2,346.5	41,975.0	6,594.0	3,057.5	39,606.0	7,753.0	3,004.0
NC A & T	92,292.5	21,704.5	4,971.0	95,337.0	22,545.5	40.0	90,006.0	19,092.5	4,104.0
NC Central	60,335.0	5,586.0	5,495.5	62,948.0	6,443.0	5,428.5	59,436.0	6,393.5	5,089.5
Pembroke	29,631.5	3,150.5	3,046.5	30,442.0	3,837.5	3,239.0	30,115.0	3,612.5	3,632.5
UNC-Charlotte	147,180.5	38,791.0	9,824.5	152,027.5	33,609.5	13,692.0	152,068.5	34,065.5	10,830.0
UNC-Wilmington	90,606.0	17,135.0	9,738.5	90,551.5	15,527.0	6,972.0	89,789.0	15,235.5	3,972.0
West'n Carolina	70,375.0	11,822.5	11,281.5	66,900.5	11,042.0	11,548.5	69,421.0	11,915.5	10,637.0
SUBTOTAL	850,992.0	167,145.5	63,663.0	869,175.5	161,908.5	56,018.0	844,505.5	159,218.0	53,155.0
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	25,301.0	8,202.5	1,799.0	25,396.5	9,703.0	2,468.0	22,087.0	8,506.5	3,722.0
UNC-Asheville	35,186.0	5,696.5	3,199.5	33,763.5	5,057.5	2,505.5	34,960.5	5,449.5	2,628.0
Winston-Salem	30,186.5	4,356.5	3,661.0	29,540.0	4,050.0	4,832.5	28,735.0	3,333.0	3,824.5
SUBTOTAL	90,673.5	18,255.5	8,659.5	88,700.0	18,810.5	9,806.0	85,782.5	17,289.0	10,174.5
Specialized Institution:									
NC Sch. of Arts	8,164.0	9,095.5	2,051.0	7,441.0	10,447.5	1,982.5	6,561.5	9,220.5	1,572.5
Community Colleges:									
SUBTOTAL	1,176,409.5	559,144.0	126,221.5	1,145,350.5	561,016.5	125,297.0	1,173,988.0	602,870.0	119,946.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	155,619.5	12,360.5	22,345.5	154,325.5	13,528.0	25,948.0	166,342.0	11,675.5	22,658.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	437,348.5	65,315.0	39,787.5	437,849.0	66,765.5	44,541.5	446,426.0	68,233.0	38,911.5
Junior Colleges:									
SUBTOTAL	24,952.0	5,390.0	1,830.0	28,751.0	5,371.0	2,508.5	31,228.0	5,444.0	2,960.5
GRAND TOTAL	3,360,670.5	934,717.5	304,378.0	3,336,090.5	935,514.5	306,459.0	3,354,770.0	976,540.0	293,613.0

Student Clock Hours of Instruction

Table 8

INSTITUTION	1994			1993			1992		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	22,398.5	15,873.0	1,904.5	22,673.0	14,649.0	1,799.0	25,043.0	15,668.0	1,808.5
Anson CC	5,292.5	4,691.0	1,932.0	2,493.0	3,698.0	661.5	2,808.0	3,781.5	981.0
Ashev'le-Bun. TCC	37,722.0	14,872.5	6,539.0	37,352.0	12,537.5	4,390.0	38,408.0	13,309.5	3,999.5
Beaufort Co. CC	7,707.5	8,810.0	576.0	7,996.5	9,081.0	812.0	12,653.0	10,755.5	1,127.0
Bladen CC	4,761.5	4,968.0	5.0	4,989.0	4,428.5	28.0	4,796.0	4,921.0	0.0
Blue Ridge CC	13,353.5	5,653.5	232.0	12,463.5	6,037.5	208.5	13,935.0	7,647.0	752.0
Brunswick CC	10,762.5	3,192.0	667.0	11,317.5	3,245.5	595.0	10,466.5	3,926.0	1,053.0
Caldwell CC & TI	14,612.5	7,914.0	3,259.5	15,933.0	9,156.0	1,792.5	13,612.0	8,803.5	811.0
Cape Fear CC	29,182.5	14,648.5	950.0	28,596.0	16,071.0	323.0	26,351.0	16,667.0	1,103.0
Carteret CC	13,777.0	5,909.0	416.0	14,286.5	5,517.0	936.0	14,511.0	7,341.0	486.0
Catawba Vy. CC	28,022.5	18,310.5	6,896.5	27,640.5	18,388.5	7,605.0	30,662.0	18,509.0	8,149.0
C. Carolina CC	25,149.5	13,199.5	1,786.5	19,819.0	11,170.0	4,303.0	23,638.5	12,256.0	1,023.0
C. Piedmont CC	117,993.5	43,561.0	5,186.0	110,190.0	43,756.0	6,311.0	107,551.0	51,298.5	9,477.0
Cleveland CC	10,757.0	7,984.5	5,823.0	10,684.0	8,447.5	4,066.0	10,779.0	8,693.5	563.0
Coastal Car. CC	34,393.5	17,990.0	1,663.0	32,119.5	16,254.0	1,076.0	34,504.0	15,998.0	1,802.0
Col. Albemarle	15,086.0	6,743.5	6,902.5	15,198.5	7,264.0	7,527.5	16,290.0	7,516.0	5,683.0
Craven CC	16,391.0	10,758.5	3,568.0	16,754.0	12,663.5	5,830.0	17,327.5	12,451.5	5,387.0
Davidson Co. CC	21,122.5	8,329.5	4,447.0	19,207.0	7,251.5	1,053.0	19,338.0	8,005.0	1,827.5
Durham TCC	30,636.5	10,226.5	3,523.0	23,975.0	10,330.5	28.0	34,928.5	14,810.5	842.5
Edgecombe CC	11,719.5	7,049.5	84.0	11,580.5	6,439.5	211.0	13,203.0	7,254.5	201.0
Fayettev'le TCC	74,361.5	16,697.0	3,086.0	67,170.0	16,591.0	3,064.0	68,150.0	15,763.0	4,053.5
Forsyth TCC	38,926.5	15,295.0	3,626.0	38,351.5	18,710.5	3,336.0	34,867.5	18,682.0	2,937.0
Gaston Col.	30,137.0	10,168.0	2,504.0	31,072.5	11,354.0	2,050.0	37,077.0	15,907.5	1,707.5
Guilford TCC	65,053.0	23,673.0	2,850.0	63,623.5	25,650.5	3,878.5	69,861.5	28,061.5	3,960.5
Halifax CC	11,955.5	7,602.0	1,885.0	12,389.0	7,435.0	5,471.0	11,267.0	7,161.0	2,643.0
Haywood CC	9,474.0	12,782.0	1,880.0	9,203.0	13,950.0	1,751.0	10,840.0	13,775.0	2,565.0
Isothermal CC	10,671.0	8,845.0	3,501.5	11,466.5	8,635.0	3,999.0	12,669.5	10,512.5	4,830.0
J. Sprunt CC	7,698.5	5,368.5	441.5	7,425.0	5,222.5	604.5	7,403.0	5,216.5	1,111.0
Johnston CC	18,480.0	8,335.5	117.0	19,407.0	8,331.5	2,737.0	19,226.5	8,515.5	3,555.0
Lenoir CC	19,681.0	7,131.0	4,588.0	19,127.0	7,628.0	4,571.0	18,647.5	7,248.5	2,141.5
Martin CC	5,112.5	5,467.0	2,820.0	5,452.5	5,690.5	8.0	6,278.0	7,625.5	615.0
Mayland CC	5,699.0	2,510.0	0.0	6,148.5	3,159.0	633.0	6,751.5	3,353.0	1,285.0
McDowell TCC	3,774.5	6,437.5	1,389.0	5,564.5	6,884.0	884.5	4,143.5	6,132.5	1,150.5
Mitchell CC	17,609.5	5,075.0	2,383.0	18,803.5	4,854.0	2,670.0	16,274.0	8,260.0	2,141.0
Montgomery CC	1,578.0	6,649.5	993.0	1,684.5	4,857.0	480.0	3,133.0	4,244.0	240.0
Nash CC	14,212.5	5,602.0	512.0	15,656.5	6,413.5	2,669.0	16,311.5	6,095.5	3.0
Pamlico CC	2,599.0	911.0	102.0	1,891.5	934.0	117.0	2,210.5	1,492.0	48.0
Piedmont CC	5,182.0	4,387.5	967.0	6,895.5	5,994.0	1,164.0	6,563.5	5,369.0	1,969.0
Pitt CC	29,122.5	9,569.0	1,197.0	28,951.5	9,203.0	3,316.0	29,719.5	13,963.5	6,298.0
Randolph CC	13,345.5	10,511.0	1,345.0	13,642.5	10,041.5	1,694.5	13,217.5	9,603.5	2,047.5
Richmond CC	14,224.5	5,274.5	360.0	12,587.0	5,021.0	2,315.0	12,079.0	4,706.0	2,053.0
Roanoke-Cho. CC	7,418.5	4,507.5	3,522.5	7,206.0	4,176.0	3,354.5	6,986.5	3,856.5	1,177.5
Robeson CC	14,376.0	9,916.5	1,334.0	14,416.5	8,807.0	1,071.0	16,123.5	8,535.0	945.0
Rockingham CC	21,143.0	9,949.5	672.0	21,595.0	10,682.0	602.0	20,893.5	9,609.5	784.0
Rowan-Cab. CC	28,672.5	8,143.5	777.0	28,935.5	9,477.5	657.0	27,633.0	10,035.5	497.0
Sampson CC	15,082.0	3,301.5	1,437.0	14,641.5	4,669.5	1,239.0	10,084.0	6,336.0	1,392.5
Sandhills CC	23,548.5	9,570.5	2,170.5	20,338.0	6,693.0	1,280.0	19,368.0	7,468.0	1,123.0
Southeastern CC	15,491.0	5,247.5	2,229.0	15,673.0	4,984.5	2,629.5	16,728.0	5,243.0	2,552.5
Southwestern CC	11,332.0	8,328.0	3,020.0	11,543.0	6,676.0	1,542.0	12,171.0	6,386.0	2,247.0
Stanly CC	11,588.5	5,999.5	933.0	9,557.5	6,010.0	814.0	9,524.0	5,475.0	1,312.0
Surry CC	18,136.0	13,751.0	4,309.0	18,756.0	13,273.0	4,594.0	18,592.0	13,585.5	3,688.0
Tri-County CC	7,863.0	2,861.5	885.0	7,266.5	3,626.0	577.0	7,247.0	4,072.0	908.5
Vance-Granv. CC	16,320.5	12,349.0	2,685.0	16,708.5	14,848.5	900.0	14,698.5	15,050.5	139.0
Wake TCC	50,868.0	21,351.0	2,817.0	49,373.0	19,302.0	2,464.0	48,170.0	17,788.0	2,370.0
Wayne CC	24,400.5	11,047.0	1,317.0	25,950.0	12,019.0	1,276.0	27,477.0	12,459.0	952.0
W. Piedmont CC	15,902.5	7,539.0	2,019.0	16,401.5	8,201.0	1,647.0	16,329.0	8,004.0	1,953.5
Wilkes CC	15,320.5	8,735.0	2,070.0	16,400.0	6,771.0	2,212.0	17,416.0	8,464.5	2,345.0
Wilson TCC	9,207.5	7,571.0	1,117.0	8,808.0	7,855.0	1,469.0	7,051.0	9,202.0	1,130.0
TOTAL	1,176,409.5	559,144.0	126,221.5	1,145,350.5	561,016.5	125,297.0	1,173,988.0	602,870.0	119,946.5

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TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{18}{22.7 \text{ X } .549} = 1.44$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Research Universities I:															
NC State	0.72	0.74	0.74	0.74	0.72	4.09	4.25	4.29	4.18	6.11	1.33	1.36	1.35	1.34	1.46
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.93	0.98	1.00	0.96	0.87	4.04	4.00	3.24	3.09	3.39	1.20	1.26	1.26	1.21	1.14
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.82	0.84	0.86	0.84	0.79	4.08	4.18	3.94	3.81	5.06	1.28	1.32	1.31	1.28	1.32
Doctoral Granting Universities I:															
UNC-Greensboro	1.01	0.95	0.95	0.97	0.97	4.17	4.33	3.84	4.02	3.69	1.39	1.36	1.34	1.36	1.31
Comprehensive I Universities:															
Appalachian	1.15	1.12	1.13	1.18	1.19	4.00	3.82	3.65	3.92	3.78	1.56	1.51	1.51	1.58	1.59
East Carolina	0.91	0.89	0.98	1.07	1.19	3.69	3.62	3.72	3.92	4.49	1.38	1.35	1.45	1.53	1.75
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.48	1.47	1.55	1.67	1.31	4.09	4.79	4.07	4.52	3.51	1.95	1.92	1.97	2.12	1.84
NC A & T	1.11	1.02	1.08	1.26	1.49	3.39	3.10	3.65	4.47	5.22	1.54	1.41	1.53	1.79	2.16
NC Central	1.64	1.57	1.66	1.71	1.63	8.67	7.51	7.42	7.17	7.52	2.23	2.12	2.22	2.26	2.18
Pembroke	1.57	1.54	1.56	1.60	1.62	7.86	6.45	6.85	7.63	6.52	2.18	2.09	2.13	2.20	2.16
UNC-Charlotte	0.60	0.58	0.58	0.58	0.63	2.07	2.17	2.59	2.45	2.49	0.91	0.87	0.94	0.95	1.01
UNC-Wilmington	0.69	0.68	0.68	0.65	0.77	2.15	2.32	2.28	2.11	2.42	0.92	0.92	0.91	0.85	0.99
West'n Carolina	1.37	1.29	1.23	1.31	1.45	4.84	5.03	4.79	5.09	6.80	1.87	1.82	1.75	1.87	2.12
SUBTOTAL	1.03	0.98	1.01	1.06	1.12	3.51	3.45	3.56	3.70	3.95	1.44	1.37	1.42	1.48	1.59
Comprehensive II and Liberal Arts I Universities:															
Elizabeth City	1.65	1.52	1.75	1.92	1.92	4.93	4.77	5.05	6.39	6.73	2.45	2.42	2.67	3.03	3.08
UNC-Asheville	1.25	1.35	1.30	1.39	1.41	4.95	5.58	5.27	6.10	6.95	1.76	1.90	1.84	2.00	2.10
Winston-Salem	1.89	2.15	2.21	2.08	2.10	4.93	5.06	5.98	5.62	5.67	2.27	2.50	2.60	2.45	2.49
SUBTOTAL	1.57	1.63	1.68	1.72	1.73	4.93	5.29	5.56	6.39	6.55	2.14	2.22	2.27	2.38	2.41
Specialized Institution:															
NC Sch. of Arts	2.08	2.28	2.34	2.47	3.38	7.75	6.75	7.48	7.65	10.11	5.07	4.89	5.34	5.53	7.29
Community Colleges:															
SUBTOTAL	1.51	1.50	1.43	1.42	1.43	4.68	4.65	4.31	4.40	4.52	2.53	2.53	2.40	2.44	2.51
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.56	1.53	1.26	1.36	1.34	7.77	6.46	7.14	7.06	8.65	2.01	1.92	1.65	1.78	1.77
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.78	1.76	1.71	1.69	1.69	7.45	7.31	6.92	7.43	7.32	2.52	2.50	2.40	2.38	2.38
Junior Colleges:															
SUBTOTAL	2.35	2.02	1.87	2.18	1.91	8.16	7.79	7.62	10.28	8.92	3.38	2.93	2.73	3.44	3.02
GRAND TOTAL	1.31	1.30	1.27	1.28	1.29	4.70	4.67	4.44	4.57	4.83	2.05	2.04	1.98	2.02	2.07

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990	1994	1993	1992	1991	1990
Community Colleges:															
Alamance CC	1.27	1.21	1.10	1.18	1.11	3.02	3.03	2.83	2.64	3.19	2.00	1.93	1.77	1.80	1.86
Anson CC	1.30	2.53	2.00	2.22	2.33	3.66	4.65	3.94	5.39	5.29	2.41	3.80	3.12	4.04	3.80
Asheville-Bun. TCC	1.76	1.80	1.90	1.88	1.80	6.06	7.08	6.40	6.56	6.75	2.98	3.13	3.06	3.05	2.97
Beaufort Co. CC	2.09	2.01	1.47	1.36	1.42	4.49	4.36	3.37	4.89	5.04	3.37	3.26	2.34	2.65	2.76
Bladen CC	1.86	1.77	1.84	1.78	1.73	5.34	5.99	5.74	5.13	6.30	3.64	3.76	3.82	3.55	3.73
Blue Ridge CC	2.54	2.26	1.53	1.51	1.55	12.78	11.12	5.20	4.96	5.43	5.58	5.15	2.83	2.76	2.96
Brunswick CC	1.52	1.40	1.78	1.74	1.74	5.67	6.05	5.90	5.70	6.23	2.47	2.44	2.90	2.80	2.86
Caldwell CC & TI	1.69	1.55	1.72	1.58	1.72	6.50	5.62	6.00	5.87	6.53	3.38	3.03	3.40	3.20	3.58
Cape Fear CC	0.90	0.92	0.90	0.89	0.89	3.40	3.10	3.12	3.14	3.24	1.74	1.71	1.76	1.86	1.92
Carteret CC	1.27	1.14	1.17	1.31	1.34	4.14	4.59	3.81	4.86	4.53	2.13	2.10	2.05	2.43	2.47
Catawba Vy. CC	1.46	1.19	1.13	1.18	1.33	4.16	3.85	3.77	3.68	3.96	2.53	2.26	2.12	2.15	2.37
C. Carolina CC	1.37	1.65	1.38	1.39	1.54	4.34	5.13	4.67	4.48	4.64	2.39	2.90	2.51	2.59	2.85
C. Piedmont CC	1.08	1.03	1.03	1.14	0.90	3.55	3.58	3.15	3.58	3.09	1.74	1.75	1.71	1.95	1.59
Cleveland CC	1.71	1.82	1.81	2.20	2.10	5.29	4.87	4.83	6.13	5.60	3.23	3.17	3.16	3.82	3.54
Coastal Car. CC	1.08	1.16	1.09	1.08	0.82	3.21	3.56	3.57	3.86	3.65	1.81	1.96	1.88	1.94	1.76
Col. Albemarle	1.39	1.35	1.09	1.20	1.24	5.07	4.82	4.55	5.19	5.45	2.53	2.47	2.18	2.43	2.55
Craven CC	1.70	1.52	1.55	1.55	1.55	2.52	2.14	2.31	2.40	3.36	2.02	1.79	1.87	1.91	2.24
Davidson Co. CC	1.95	1.30	1.30	1.27	1.59	5.04	5.24	4.75	4.74	4.64	2.82	2.38	2.31	2.23	2.59
Durham TCC	1.48	1.81	0.96	1.04	0.91	5.48	5.52	3.54	3.79	3.75	2.48	2.93	1.73	1.88	1.79
Edgecombe CC	1.82	1.96	1.71	1.78	2.61	5.05	5.67	4.28	4.40	5.39	3.04	3.29	2.62	2.71	3.71
Fayettev'le TCC	1.30	1.47	1.37	1.12	1.18	4.42	4.54	4.87	3.82	3.96	1.87	2.08	2.03	1.74	1.96
Forsyth TCC	1.90	1.93	2.14	1.58	1.57	6.70	5.55	5.46	4.65	5.00	3.25	3.12	3.30	2.63	2.68
Gaston Col.	1.33	1.52	1.41	1.35	1.50	5.69	6.24	5.01	5.57	6.75	2.43	2.78	2.49	2.48	2.80
Guilford TCC	1.45	1.38	1.27	1.28	1.25	5.78	5.59	5.11	4.95	4.01	2.61	2.59	2.37	2.37	2.12
Halifax CC	1.32	1.27	1.40	1.45	1.85	3.23	3.13	3.57	4.01	6.49	2.06	1.97	2.24	2.40	3.26
Haywood CC	1.86	1.78	1.49	1.75	1.65	4.76	4.39	4.77	4.38	5.19	3.52	3.35	3.33	3.40	3.75
Isothermal CC	2.30	2.14	1.94	1.88	1.80	4.93	5.05	4.14	4.33	4.48	3.49	3.39	2.94	2.94	2.83
J. Sprunt CC	2.61	2.24	2.22	1.86	2.04	4.17	4.90	4.91	4.80	6.12	3.25	3.34	3.33	3.19	3.74
Johnston CC	1.19	1.14	1.15	1.26	1.40	5.13	5.13	5.02	5.35	5.33	2.42	2.34	2.34	2.53	2.59
Lenoir CC	2.06	1.66	1.62	1.65	2.18	5.33	3.61	3.86	3.04	3.53	2.93	2.22	2.24	2.15	2.71
Martin CC	2.26	2.12	1.84	2.01	2.59	8.08	7.69	5.74	6.23	6.02	5.27	4.96	3.98	4.48	4.74
Mayland CC	2.50	1.91	1.67	1.48	2.04	4.80	3.81	3.59	4.84	3.77	3.20	2.56	2.30	2.44	2.67
McDowell TCC	2.54	2.65	3.55	2.70	4.05	4.40	4.16	4.67	3.31	4.23	3.72	3.49	4.22	3.08	4.17
Mitchell CC	1.92	1.81	1.90	2.05	2.12	8.02	8.07	5.07	4.93	5.71	3.28	3.09	2.97	3.06	3.34
Montgomery CC	3.84	4.11	2.15	2.23	2.77	3.46	4.38	4.91	4.34	3.84	3.54	4.31	3.74	3.65	3.51
Nash CC	1.67	1.56	1.53	1.67	2.15	5.60	4.89	5.77	4.87	3.88	2.78	2.53	2.69	2.62	2.84
Pamlico CC	1.63	2.23	2.05	2.59	2.52	10.29	10.04	6.28	8.62	7.78	3.87	4.81	3.76	5.04	4.74
Piedmont CC	2.51	1.88	2.24	2.24	2.26	5.94	4.35	4.54	5.23	5.55	4.08	3.03	3.27	3.39	3.57
Pitt CC	1.16	1.21	0.78	0.79	0.83	5.41	5.54	3.22	3.38	4.03	2.21	2.26	1.56	1.58	1.81
Randolph CC	2.23	2.22	2.29	2.25	1.93	5.14	5.36	5.56	5.62	5.06	3.51	3.55	3.67	3.63	3.32
Richmond CC	1.40	1.60	1.52	1.48	1.85	5.53	5.81	7.45	6.83	7.73	2.52	2.80	3.18	3.04	3.83
Roanoke-Cho. CC	1.54	1.68	1.76	2.19	2.08	3.87	4.19	5.48	7.46	6.49	2.42	2.60	3.08	3.79	3.50
Robeson CC	1.59	1.59	1.38	1.25	1.76	3.95	4.45	4.66	4.93	4.46	2.56	2.67	2.52	2.57	3.00
Rockingham CC	1.57	1.61	1.56	1.56	1.79	5.25	4.55	5.47	5.57	6.64	2.75	2.59	2.79	2.88	3.32
Rowan-Cab. CC	1.56	1.65	1.67	1.66	1.62	5.81	5.00	4.55	4.40	3.96	2.50	2.48	2.43	2.48	2.40
Sampson CC	1.27	1.08	1.25	1.27	1.29	5.68	4.75	4.14	4.50	4.53	2.07	1.97	2.36	2.44	2.48
Sandhills CC	1.56	1.83	1.92	1.42	1.59	4.60	6.58	5.89	4.80	4.96	2.44	3.01	3.03	2.37	2.55
Southeastern CC	1.69	1.77	1.66	1.99	1.67	5.05	5.18	4.92	5.62	7.85	2.54	2.60	2.44	3.15	3.36
Southwestern CC	2.00	1.99	1.88	1.99	1.98	4.28	4.75	4.85	5.39	5.67	2.96	3.00	2.91	3.08	3.04
Stanly CC	1.17	1.42	1.38	1.61	1.69	4.30	4.30	4.46	4.73	4.51	2.24	2.53	2.50	2.68	2.78
Surry CC	1.14	1.11	1.12	1.02	1.03	2.70	2.80	2.67	2.70	3.06	1.82	1.81	1.77	1.69	1.77
Tri-County CC	2.21	2.39	2.40	2.87	2.29	8.28	6.53	5.82	6.56	8.80	3.83	3.77	3.63	4.25	4.34
Vance-Granv. CC	1.45	1.55	1.60	1.78	1.75	3.51	2.92	2.75	3.99	2.65	2.34	2.19	2.18	2.74	2.23
Wake TCC	1.31	1.35	1.22	1.27	1.18	2.95	3.21	3.26	3.30	3.71	1.80	1.87	1.77	1.84	1.87
Wayne CC	1.35	1.24	1.17	1.41	1.47	4.72	4.39	4.24	4.52	5.20	2.40	2.24	2.13	2.32	2.49
W. Piedmont CC	1.62	1.57	1.53	1.36	1.22	3.98	3.66	3.75	3.40	3.26	2.38	2.27	2.26	2.06	1.87
Wilkes CC	1.88	1.58	1.55	1.29	1.24	5.33	6.36	5.19	5.16	5.34	3.13	2.98	2.74	2.39	2.35
Wilson TCC	2.02	2.12	2.67	1.90	2.01	5.45	5.28	4.52	5.30	5.79	3.57	3.61	3.72	3.75	3.90
TOTAL	1.51	1.50	1.43	1.42	1.43	4.68	4.65	4.31	4.40	4.52	2.53	2.53	2.40	2.44	2.51

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	32.6	29.4	26.3	60.7	60.4	60.1	0.93	0.82	0.72
Doctoral Granting Universities I:*	28.8	28.8	28.8	59.1	59.1	59.1	1.01	1.01	1.01
Comprehensive I Universities:	38.3	25.2	16.3	65.6	58.8	49.1	1.64	1.03	0.60
Comp. II and Lib. Arts I Univ.:	26.9	20.4	17.1	50.1	47.2	44.2	1.89	1.57	1.25
Specialized Institution:*	17.7	17.7	17.7	56.0	56.0	56.0	2.08	2.08	2.08
Community Colleges:	38.2	23.3	11.6	70.4	54.5	38.5	3.84	1.51	0.90
PRIVATE INSTITUTIONS									
Major Research Universities:	18.9	18.0	16.7	55.0	50.3	47.7	1.63	1.56	1.51
Gen. Baccalaureate Colleges:	34.1	18.0	10.7	60.8	47.4	30.4	3.17	1.78	0.62
Junior Colleges:	18.5	14.4	12.3	60.6	54.4	45.9	2.86	2.35	1.72
STATE RANGE	38.3	22.7	10.7	70.4	54.9	30.4	3.84	1.31	0.60
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	13.9	13.0	12.7	78.3	69.5	53.0	4.09	4.08	4.04
Doctoral Granting Universities I:*	13.8	13.8	13.8	56.3	56.3	56.3	4.17	4.17	4.17
Comprehensive I Universities:	20.8	14.1	6.0	71.1	62.4	50.0	8.67	3.51	2.07
Comp. II and Lib. Arts I Univ.:	13.1	11.0	8.6	66.9	52.4	45.3	4.95	4.93	4.93
Specialized Institution:*	11.8	11.8	11.8	63.2	63.2	63.2	7.75	7.75	7.75
Community Colleges:	30.0	18.6	10.5	79.4	55.5	36.1	12.78	4.68	2.52
PRIVATE INSTITUTIONS									
Major Research Universities:	6.6	5.5	3.6	64.7	62.0	61.3	14.60	7.77	5.84
Gen. Baccalaureate Colleges:	25.5	8.0	2.8	63.4	47.1	18.6	27.69	7.45	3.25
Junior Colleges:	9.3	7.6	5.8	64.6	47.9	37.2	13.08	8.16	6.65
STATE RANGE	30.0	15.2	2.8	79.4	57.0	18.6	27.69	4.70	2.07
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments until updated criteria can be developed from a new national survey of higher education facilities. To this end, a national work group has recently developed an updated edition of the national facilities manual (Postsecondary Education Facilities Inventory and Classification Manual, NCES, 1992). Essential parts of this manual have been incorporated into the 1993 North Carolina Facilities Inventory and Utilization Manual (Fifth Edition).

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Study Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Stations	Conference Room Assignable Square Feet Per Station: Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The Department of Community Colleges reports FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for 11 weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours (contact hours per week times eleven weeks) by (16 x 11) or 176.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1990-1994. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1994, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community College System. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

Because of the discontinuation of the Early National Estimates Survey, which was conducted annually by the National Center for Education Statistics (NCES), detailed data for higher education headcount enrollments at the national level are no longer available. In 1992, a projection study was completed by the same organization which presents an estimate map of these statistics for the years 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

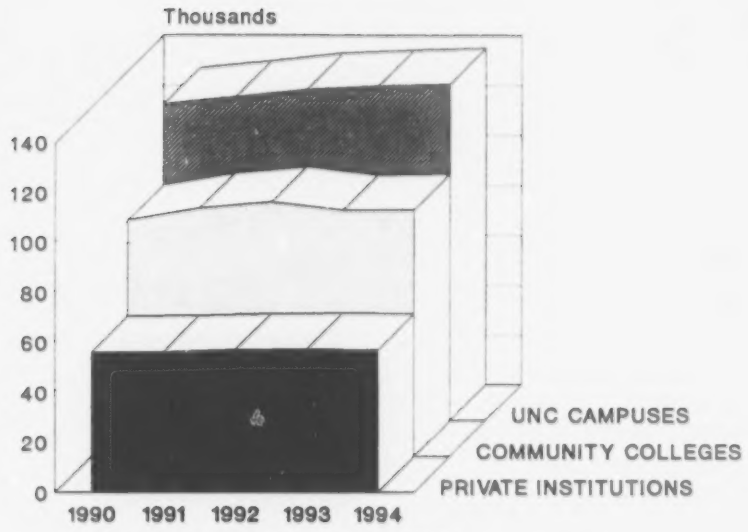
Enrollments in Public and Private Institutions

From 1978 to 1991, public institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

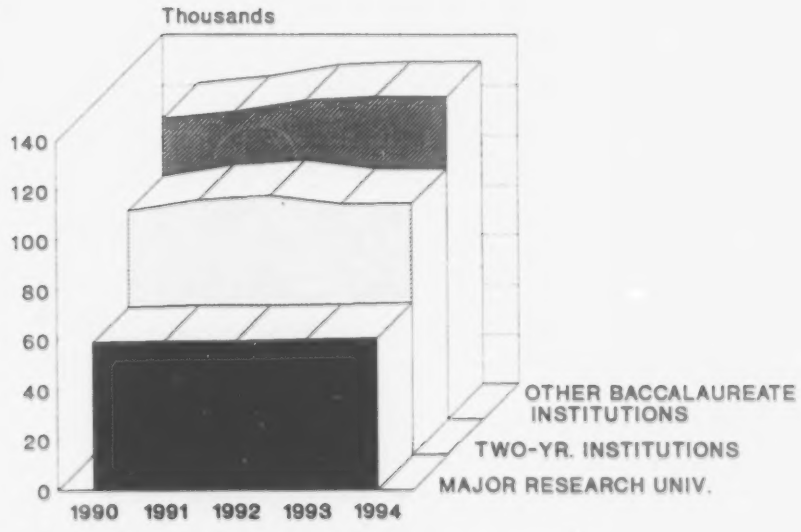
North Carolina institutions experienced a headcount enrollment increase of 1.4 percent in 1994. Public institutions showed a 1.9 percent increase while private enrollments showed no significant increase. Enrollments for women increased by 2.5 percent; the increase for men only one tenth of one percent. Like last year, North Carolina's 1994 part-time increase (3.5%) was higher than the full-time increase (less than 1.0%).

*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



BY INSTITUTIONAL CONTROL



BY INSTITUTIONAL LEVEL

Table 12

FTE Enrollments
Summary

INSTITUTION	1994	1993	1992	1991	1990
Research Universities I:	44,448	43,980	43,434	43,428	43,041
Doctoral Granting Universities I:	10,279	10,386	10,485	10,256	10,455
Comprehensive I Universities:	72,424	72,136	71,520	69,000	66,400
Comp. II and Lib. Arts I Univ.:	7,096	7,022	6,863	6,534	6,471
Specialized Institution:	632	589	487	472	462
Community Colleges:	99,102	98,730	102,034	99,488	94,624
		PRIVATE INSTITUTIONS			
Major Research Universities:	16,558	16,427	16,441	16,389	16,213
Gen. Baccalaureate Colleges:	38,990	39,124	38,595	37,089	36,789
Junior Colleges:	1,716	1,977	2,060	2,855	3,195
GRAND TOTAL	291,245	290,371	291,919	285,511	277,650

FTE Enrollments
Institutional

Table 12

INSTITUTION	1994	1993	1992	1991	1990
Research Univ. I:					
NC State	22,440	22,182	21,950	21,894	21,392
NC State Vet.	283	281	283	269	275
UNC-Chapel Hill	18,336	18,135	17,748	17,960	18,161
UNC-Health Aff.	3,389	3,382	3,453	3,305	3,213
SUBTOTAL	44,448	43,980	43,434	43,428	43,041
Doctoral Granting Univ. I:					
UNC-Greensboro	10,279	10,386	10,485	10,256	10,455
Comprehensive I Univ.:					
Appalachian	11,274	11,100	11,116	10,798	10,843
East Carolina	14,878	15,114	15,277	14,288	13,874
ECU-Health Aff.	1,224	1,148	1,097	1,009	1,152
Fayetteville	3,498	3,484	3,384	3,181	2,856
NC A & T	7,365	7,245	6,905	6,486	5,841
NC Central	4,963	4,960	4,917	4,668	4,799
Pembroke	2,592	2,618	2,610	2,559	2,690
UNC-Charlotte	12,967	13,180	13,039	12,821	12,335
UNC-Wilmington	7,607	7,443	7,179	7,426	6,446
West'n Carolina	6,056	5,844	5,996	5,764	5,564
SUBTOTAL	72,424	72,136	71,520	69,000	66,400
Comp. II and Lib. Arts I Univ.:					
Elizabeth City	2,010	2,052	1,931	1,700	1,674
UNC-Asheville	2,600	2,533	2,619	2,562	2,599
Winston-Salem	2,486	2,437	2,313	2,272	2,198
SUBTOTAL	7,096	7,022	6,863	6,534	6,471
Specialized Inst.:					
NC Sch. of Arts	632	589	487	472	462

FTE Enrollments
Institutional

Table 12

INSTITUTION	1994*	1993	1992	1991	1990
Community Colleges:					
Alamance CC	2,212 (2,403)	2,192	2,333	2,218	2,047
Anson CC	554 (877)	366	346	310	297
Ashev'le-Bun. TCC	2,774 (2,966)	2,833	2,828	2,938	2,607
Beaufort Co. CC	1,029 (1,082)	964	1,003	1,118	990
Bladen CC	592 (638)	601	627	729	509
Blue Ridge CC	1,225 (1,251)	1,119	1,206	1,190	1,204
Brunswick CC	718 (718)	738	733	646	609
Caldwell CC & TI	1,306 (1,987)	1,506	1,437	1,493	1,339
Cape Fear CC	2,616 (2,932)	2,712	2,665	2,393	2,379
Carteret CC	1,120 (1,227)	1,091	1,217	1,117	1,088
Catawba Vy. CC	2,164 (2,418)	2,314	2,518	2,425	2,179
C. Carolina CC	1,665 (2,716)	1,755	1,725	1,658	1,719
C. Piedmont CC	8,960 (9,537)	9,534	9,408	9,132	9,214
Cleveland CC	958 (1,233)	882	957	904	856
Coastal Car. CC	2,725 (2,781)	2,816	2,766	2,794	2,642
Col. Albemarle	1,515 (1,529)	1,511	1,571	1,451	1,329
Craven CC	1,488 (1,845)	1,463	1,509	1,475	1,340
Davidson Co. CC	1,718 (1,791)	1,733	1,850	1,893	1,797
Durham TCC	2,847 (3,076)	2,769	2,926	2,931	2,846
Edgecombe CC	1,205 (1,434)	1,159	1,322	1,117	976
Fayettev'le TCC	4,812 (5,912)	4,743	4,951	4,797	4,214
Forsyth TCC	3,100 (3,262)	3,122	3,213	3,371	3,030
Gaston Col.	2,999 (3,247)	2,917	2,970	2,836	2,899
Guilford TCC	5,051 (5,184)	5,182	5,517	5,479	5,375
Halifax CC	1,058 (1,215)	1,118	1,139	1,039	803
Haywood CC	1,200 (1,217)	1,228	1,232	1,334	1,217
Isothermal CC	1,203 (1,270)	1,292	1,452	1,447	1,358
J. Sprunt CC	822 (961)	826	845	889	632
Johnston CC	1,816 (2,608)	1,754	1,776	1,712	1,680
Lenoir CC	1,655 (1,769)	1,613	1,736	1,749	1,632

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1994*		1993	1992	1991	1990
Community Colleges:						
Martin CC	628	(665)	622	757	644	695
Mayland CC	580	(604)	653	603	659	569
McDowell TCC	626	(693)	579	564	648	560
Mitchell CC	1,186	(1,241)	1,172	1,230	1,212	1,124
Montgomery CC	517	(560)	376	377	396	408
Nash CC	1,090	(1,204)	1,086	1,169	1,101	1,017
Pamlico CC	166	(166)	127	142	101	96
Piedmont CC	547	(919)	695	592	583	509
Pitt CC	2,765	(3,528)	1,808	2,403	1,790	2,612
Randolph CC	1,262	(1,287)	1,272	1,345	1,334	1,296
Richmond CC	960	(976)	872	947	936	871
Roanoke-Cho. CC	732	(745)	740	730	665	659
Robeson CC	1,235	(1,246)	1,210	1,373	1,228	1,178
Rockingham CC	1,597	(1,597)	1,613	1,591	1,622	1,473
Rowan-Cab. CC	1,423	(2,343)	1,497	1,418	1,565	1,523
Sampson CC	834	(881)	922	867	796	812
Sandhills CC	2,335	(2,449)	2,423	2,371	2,504	2,485
Southeastern CC	1,408	(1,584)	1,453	1,603	1,298	1,228
Southwestern CC	1,079	(1,372)	1,044	1,083	1,047	957
Stanly CC	933	(1,299)	933	853	902	820
Surry CC	1,911	(2,090)	1,902	1,985	2,065	1,909
Tri-County CC	590	(593)	529	593	590	609
Vance-Granv. CC	1,475	(2,163)	1,474	1,450	1,423	1,450
Wake TCC	4,218	(5,020)	3,994	3,869	3,485	2,997
Wayne CC	1,991	(2,276)	2,014	2,124	1,976	1,821
W. Piedmont CC	1,660	(1,725)	1,670	1,830	1,803	1,787
Wilkes CC	1,278	(1,405)	1,275	1,406	1,451	1,524
Wilson TCC	969	(1,044)	922	981	945	927
TOTAL	99,102	(112,761)	98,730	102,034	99,488	94,624

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1994	1993	1992	1991	1990
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	10,305	10,364	10,304	10,146	10,144
Duke Med. Ctr.	748	725	731	805	794
Wake Forest	5,059	4,842	4,973	5,003	4,846
Bowman Gray	446	496	433	435	429
SUBTOTAL	16,558	16,427	16,441	16,389	16,213
Gen. Baccalaureate Colleges:					
Barber Scotia	425	726	704	558	470
Barton	1,224	1,342	1,378	1,368	1,414
Belmont Abbey	786	792	899	935	942
Bennett	646	655	627	560	578
Campbell	2,888	2,884	2,785	2,611	2,547
Catawba	1,002	952	932	903	904
Chowan	794	787	632	-	-
Davidson	1,608	1,602	1,548	1,547	1,502
Elon	3,269	3,078	3,016	2,991	3,014
Gardner-Webb	1,927	1,932	1,794	1,723	1,756
Greensboro	859	780	816	842	942
Guilford	1,457	1,533	1,534	1,530	1,518
High Point	2,261	2,245	2,165	2,146	2,146
Johnson C. Smith	1,351	1,353	1,251	1,240	1,167
Lees-McRae	497	637	738	769	850
Lenoir-Rhyne	1,286	1,306	1,390	1,461	1,500
Livingstone	816	673	651	644	677
Mars Hill	1,188	1,184	1,223	1,208	1,187

FTE Enrollments
Institutional

Table 12

INSTITUTION	1994	1993	1992	1991	1990
Gen. Baccalaureate (Continued)					
Meredith	2,021	2,025	1,986	2,062	1,977
Methodist	1,713	1,533	1,290	1,069	1,145
Montreat-Anderson	306	325	305	390	384
Mt. Olive	602	590	629	667	512
N.C. Wesleyan	716	752	737	673	639
Pfeiffer	850	819	786	809	833
Piedmont Bible	261	262	264	260	273
Queens	1,122	1,120	1,114	1,144	1,089
St. Andrews Presby.	599	611	637	607	703
St. Augustine's	1,562	1,679	1,840	1,849	1,840
Salem	721	666	626	563	575
Shaw	2,350	2,433	2,425	2,079	1,794
Warren Wilson	609	537	553	562	569
Wingate	1,274	1,311	1,320	1,319	1,342
SUBTOTAL	38,990	39,124	38,595	37,089	36,789
Junior Colleges:					
Brevard	638	707	708	770	762
Chowan	-	-	-	728	878
Louisburg	484	568	646	662	829
Peace	405	436	449	446	425
St. Mary's	189	266	257	249	301
SUBTOTAL	1,716	1,977	2,060	2,855	3,195
TOTAL	57,264	57,528	57,096	56,333	56,197

Todd Dining Hall, East Carolina University

The interior of East Carolina University's new $5.4 million Todd Dining Hall, which opened in June of 1994, is designed to provide a wide variety of dining offerings and settings. A primary buffet area is complemented by several specialty food bars and a "themes" section featuring international dishes. The 35,400-square-foot facility seats 625 people in the main dining area, while a private dining room accommodates an additional 125 people.

Blending with the older construction on ECU's main campus, the new dining hall features a primary brick and glass construction with a red clay tile roof and copper gutters and window trim. Large arched windows offer diners a view of the scenic wooded hillside on the south campus.

Interior Space Characteristics

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TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), North Carolina State University (779,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (1,033,155 sq. ft.), University of North Carolina at Charlotte (509,295), University of North Carolina at Greensboro (291,274). There are four parking decks at the private major research universities, representing a total gross area of 2,106,363 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (65.1%), North Carolina State University (65.7%), University of North Carolina at Chapel Hill-Health Affairs (59.4%), University of North Carolina at Charlotte (67.0%), University of North Carolina at Greensboro (63.5%), private major research universities (63.2%), Appalachian State University (68.9%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $93 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .64. This means that new construction costs are approximately $145 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$93}{.64} = \$145$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $145 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1994	1993	1992	1991	1990
Research Universities I:							
NC State*	7,833,148	4,634,547	59.2	58.7	58.8	58.7	58.2
NC State Vet.	390,505	234,982	60.2	59.9	59.9	60.0	59.8
UNC-Chapel Hill	7,288,312	4,797,798	65.8	66.0	65.8	65.7	66.2
UNC-Health Aff.*	3,440,901	1,431,282	41.6	41.2	40.8	40.5	47.9
SUBTOTAL	18,952,866	11,098,609	58.6	58.3	58.2	58.1	59.7
Doctoral Granting Universities I:							
UNC-Greensboro	3,320,097	1,923,587	57.9	63.7	63.8	63.8	63.9
Comprehensive I Universities:							
Appalachian*	2,905,006	1,998,538	68.8	68.7	68.8	68.8	68.8
East Carolina	3,161,208	2,230,536	70.6	71.2	71.1	70.7	70.5
ECU-Health Aff.	792,904	514,729	64.9	67.3	67.3	63.1	62.3
Fayetteville	914,418	605,869	66.3	65.6	65.6	65.6	66.1
NC A & T	2,220,357	1,543,313	69.5	69.5	69.5	69.4	69.2
NC Central	1,561,253	1,022,505	65.5	65.5	65.4	65.4	65.3
Pembroke	703,303	485,272	69.0	69.0	68.9	69.0	67.9
UNC-Charlotte*	3,005,084	1,672,181	55.6	55.6	56.1	56.1	65.0
UNC-Wilmington	1,489,531	1,018,106	68.4	69.3	69.1	69.4	68.6
West'n Carolina	2,357,994	1,609,663	68.3	68.1	68.3	68.2	68.1
SUBTOTAL	19,111,058	12,700,712	66.5	66.6	66.6	66.4	67.8
Comp. II and Lib. Arts I Univ.:							
Elizabeth City	842,917	588,941	69.9	69.9	69.9	70.6	70.4
UNC-Asheville	796,417	525,932	66.0	66.4	66.4	66.3	66.4
Winston-Salem	1,016,988	678,302	66.7	66.8	66.8	66.8	66.8
SUBTOTAL	2,656,322	1,793,175	67.5	68.0	68.0	68.1	67.8

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1994	1993	1992	1991	1990
Specialized Institution:							
NC Sch. of Arts	609,172	411,402	67.5	67.5	68.5	68.5	68.4
Teaching Hospitals:							
UNC Hosp. at C.H.	1,289,158	741,787	57.5	56.9	56.9	56.9	56.9
Community Colleges:							
SUBTOTAL*	13,874,693	9,536,604	68.7	68.8	68.7	69.1	68.9
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	15,320,288	8,347,704	54.5	56.9	56.8	56.8	58.6
Gen. Baccalaureate Colleges:							
SUBTOTAL	17,232,077	12,196,971	70.8	70.9	71.0	71.3	70.9
Junior Colleges:							
SUBTOTAL	1,328,606	935,592	70.4	70.4	70.4	69.8	69.9
GRAND TOTAL	93,694,337	59,686,143	63.7	64.4	64.4	64.4	65.3

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1994	1993	1992	1991	1990
Community Colleges:							
Alamance CC	206,904	143,779	69.5	68.9	68.9	69.0	69.0
Anson CC	62,286	45,471	73.0	72.9	71.9	73.5	72.6
Ashev'le-Bun. TCC	450,439	301,196	66.9	67.1	67.1	66.8	60.1
Beaufort Co. CC	154,373	114,876	74.4	74.7	78.8	77.0	77.7
Bladen CC	107,170	82,098	76.6	76.6	76.7	76.4	76.4
Blue Ridge CC	231,560	180,916	78.1	78.6	73.8	73.8	75.0
Brunswick CC	167,687	115,628	69.0	68.8	73.8	76.3	76.3
Caldwell CC & TI	255,794	190,778	74.6	75.9	76.2	76.2	76.2
Cape Fear CC	221,912	148,057	66.7	66.7	66.8	66.7	68.7
Carteret CC	145,017	110,584	76.3	76.9	77.1	76.3	75.9
Catawba Vy. CC	307,892	227,594	73.9	73.7	73.7	73.7	73.8
C. Carolina CC	250,335	182,103	72.7	73.0	73.0	73.9	76.9
C. Piedmont CC*	1,409,372	555,924	39.4	39.5	39.3	40.7	39.3
Cleveland CC	192,334	135,961	70.7	70.7	70.6	70.6	70.6
Coastal Car. CC	244,952	177,146	72.3	72.3	72.8	72.8	74.4
Col. Albemarle	197,360	128,830	65.3	65.3	64.7	64.7	64.8
Craven CC	154,858	107,962	69.7	69.4	69.4	69.4	69.4
Davidson Co. CC	282,491	191,517	67.8	70.2	70.2	69.6	69.5
Durham TCC	279,877	196,607	70.2	70.3	72.0	71.9	71.8
Edgecombe CC	169,294	116,998	69.1	69.4	65.5	66.0	66.0
Fayettev'le TCC	536,530	383,701	71.5	71.9	71.4	71.8	72.3
Forsyth TCC	512,863	360,838	70.4	70.7	70.7	73.0	74.6
Gaston Col.	326,168	232,721	71.4	69.4	69.5	69.5	69.3
Guilford TCC	638,258	458,054	71.8	72.7	72.5	72.6	71.7
Halifax CC	132,607	96,917	73.1	73.1	73.1	72.9	72.9
Haywood CC	277,130	211,048	76.2	76.2	76.7	76.8	78.3
Isothermal CC	220,057	169,036	76.8	76.8	76.8	76.8	77.0
J. Sprunt CC	118,369	88,165	74.5	73.2	73.2	73.5	73.5
Johnston CC	195,401	145,288	74.4	74.4	74.4	74.7	75.0
Lenoir CC	259,679	198,814	76.6	75.7	75.7	77.5	77.5

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1994	1993	1992	1991	1990
Community Colleges:							
Martin CC	217,105	165,506	76.2	76.2	76.2	76.2	73.4
Mayland CC	89,970	65,972	73.3	72.0	71.8	72.4	72.2
McDowell TCC	95,881	72,349	75.5	75.5	75.5	75.6	75.6
Mitchell CC	246,514	178,536	72.4	72.4	72.6	71.6	72.4
Montgomery CC	74,812	53,107	71.0	71.3	69.7	69.7	69.7
Nash CC	143,084	98,846	69.1	69.1	69.1	72.9	72.0
Pamlico CC	40,198	28,597	71.1	71.1	71.1	71.5	71.5
Piedmont CC	117,486	98,915	84.2	84.2	83.6	83.6	83.6
Pitt CC	247,660	175,449	70.8	70.8	72.3	72.3	73.4
Randolph CC	206,160	157,155	76.2	76.2	76.2	76.2	78.2
Richmond CC	158,864	113,949	71.7	71.7	71.7	71.7	71.8
Roanoke-Cho. CC	135,921	99,899	73.5	73.5	73.7	73.8	70.1
Robeson CC	183,243	136,255	74.4	74.4	74.3	74.3	74.3
Rockingham CC	272,105	195,390	71.8	71.3	71.5	71.6	71.6
Rowan-Cab. CC	236,248	174,086	73.7	73.7	73.3	72.9	76.4
Sampson CC	117,646	87,516	74.4	74.4	74.4	74.4	74.4
Sandhills CC	275,945	200,250	72.6	72.6	72.6	72.6	72.5
Southeastern CC	168,549	125,413	74.4	74.8	74.9	75.0	74.5
Southwestern CC	197,203	145,949	74.0	73.4	73.4	73.4	73.4
Stanly CC	100,311	75,123	74.9	74.8	73.5	73.5	73.5
Surry CC	182,076	133,531	73.3	73.3	73.3	73.5	73.5
Tri-County CC	103,973	82,943	79.8	79.8	79.8	79.8	79.8
Vance-Granv. CC	210,638	139,393	66.2	66.2	66.7	66.7	66.2
Wake TCC	426,370	292,120	68.5	68.7	68.2	68.4	70.5
Wayne CC	283,046	185,985	65.7	65.5	65.5	70.4	70.7
W. Piedmont CC	197,543	132,258	67.0	67.1	72.0	68.6	68.6
Wilkes CC	271,433	204,590	75.4	74.7	74.8	74.1	74.1
Wilson TCC	165,740	118,915	71.7	71.8	71.8	70.8	70.8
TOTAL	13,874,693	9,536,604	68.7	68.8	68.7	69.1	68.9

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

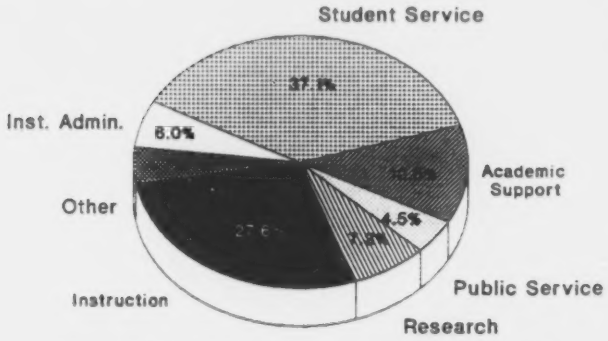
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

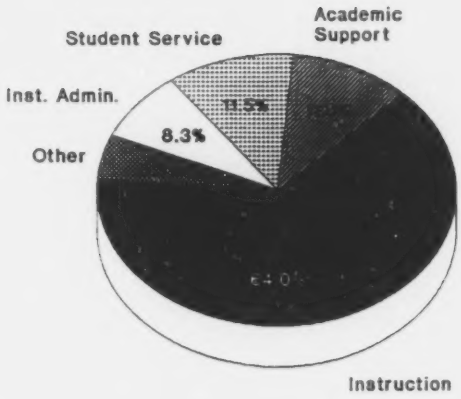
90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

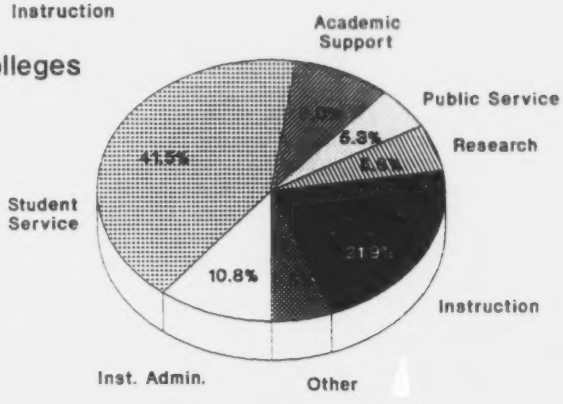
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	4,634,547	27.0	19.8	3.7	9.4	32.2	4.0	1.7	-	0.5	1.6
NC State Vet.	234,982	31.4	31.7	22.6	10.0	3.1	0.9	0.3	-	-	-
UNC-Chapel Hill	4,797,798	22.3	3.8	1.3	18.2	40.4	6.7	2.3	-	3.9	1.2
UNC-Health Aff.	1,431,282	29.6	29.6	10.9	22.4	0.6	0.4	0.3	-	4.7	1.5
SUBTOTAL	11,098,609	25.4	14.4	4.0	14.9	31.0	4.6	1.8	-	2.5	1.4
Doctoral Granting Universities I:											
UNC-Greensboro	1,923,587	25.4	3.9	-	13.6	46.8	7.3	2.4	-	-	0.7
Comprehensive I Universities:											
Appalachian	1,998,538	33.1	0.3	0.6	10.3	48.1	4.3	2.5	-	0.1	0.7
East Carolina	2,230,536	31.1	2.2	0.8	10.1	45.1	5.7	2.0	-	<0.1	3.0
ECU-Health Aff.	514,729	18.3	28.2	27.7	17.2	0.3	6.3	2.0	-	-	-
Fayetteville	605,869	33.1	0.1	1.4	13.8	40.7	8.4	2.3	-	0.3	-
NC A & T	1,543,313	32.4	7.1	0.8	15.8	33.8	4.0	1.2	-	0.5	4.4
NC Central	1,022,505	33.7	0.9	0.1	14.1	41.3	6.9	0.8	-	0.1	2.1
Pembroke	485,272	39.3	-	0.5	8.7	40.5	9.4	1.6	-	-	-
UNC-Charlotte	1,672,181	31.2	4.1	-	8.8	49.8	5.1	0.9	-	-	0.2
UNC-Wilmington	1,018,106	22.6	2.0	-	14.6	49.3	9.1	1.4	-	0.7	0.3
West'n Carolina	1,609,663	26.7	0.9	0.4	11.7	43.8	8.9	1.3	-	3.8	2.4
SUBTOTAL	12,700,712	30.4	3.3	1.6	11.9	42.5	6.3	1.6	-	0.6	1.7
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	588,941	33.0	-	3.3	7.8	45.5	9.2	1.2	-	-	<0.1
UNC-Asheville	525,932	32.3	0.6	1.7	11.6	37.0	5.3	1.9	-	1.3	8.3
Winston-Salem	678,302	29.9	0.4	0.2	8.9	45.7	8.6	1.4	-	0.4	4.4
SUBTOTAL	1,793,175	31.6	0.3	1.6	9.3	43.1	7.8	1.5	-	0.5	4.1
Specialized Institution:											
NC Sch. of Arts	411,402	42.7	-	6.1	6.5	33.2	5.3	0.6	-	0.6	5.1
Teaching Hospitals:											
UNC Hosp. at C. Hill	741,787	0.4	-	81.1	-	-	14.1	2.9	-	-	1.5
Community Colleges:											
SUBTOTAL	9,536,604	64.0	<0.1	1.5	11.0	11.5	8.3	2.1	-	0.5	1.1
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	8,347,704	16.3	14.7	13.5	11.6	29.8	6.5	2.1	-	3.0	2.5
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,196,971	25.5	0.1	0.1	7.4	48.7	13.9	1.8	-	0.6	1.8
Junior Colleges:											
SUBTOTAL	935,592	25.4	-	0.1	6.4	53.2	9.9	1.9	-	0.4	2.7
GRAND TOTAL	59,686,143	31.4	5.6	4.3	11.1	34.6	8.1	1.9	-	1.3	1.8

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	143,779	74.2	-	0.4	9.7	5.7	7.0	3.0	-	-	0.1
Anson CC	45,471	62.8	-	0.9	13.6	11.0	6.0	3.6	-	-	2.2
Ashev'le-Bun. TCC	301,196	74.8	-	0.3	8.4	7.1	7.8	0.9	-	<0.1	0.5
Beaufort Co. CC	114,876	59.5	-	1.2	10.4	12.3	11.5	4.9	-	-	0.3
Bladen CC	82,098	52.3	-	-	8.8	17.9	8.0	3.9	-	1.7	7.5
Blue Ridge CC	180,916	70.6	-	0.5	9.9	8.6	3.3	3.5	-	0.1	3.5
Brunswick CC	115,628	42.5	-	16.7	8.2	7.3	7.6	2.8	-	5.0	9.9
Caldwell CC & TI	190,778	51.1	-	-	10.0	25.3	7.6	6.0	-	-	<0.1
Cape Fear CC	148,057	69.6	-	0.3	12.2	8.6	9.1	0.1	-	0.1	-
Carteret CC	110,584	53.5	-	-	11.8	7.4	24.5	0.5	-	0.9	1.4
Catawba Vy. CC	227,594	70.5	-	-	11.1	7.8	8.6	-	-	0.7	1.2
C. Carolina CC	182,103	68.4	-	0.7	9.3	7.0	3.6	0.1	-	10.1	0.7
C. Piedmont CC	555,924	68.2	-	<0.1	12.7	9.3	7.5	1.4	-	-	0.9
Cleveland CC	135,961	62.7	-	2.9	14.8	9.9	7.5	2.0	-	-	0.3
Coastal Car. CC	177,146	71.9	-	0.1	11.3	9.3	5.3	2.1	-	-	-
Col. Albemarle	128,830	58.9	-	14.0	10.8	9.0	6.0	1.3	-	-	-
Craven CC	107,962	74.3	-	0.1	13.0	7.7	4.9	-	-	-	-
Davidson Co. CC	191,517	62.4	-	1.0	16.9	6.7	10.3	2.0	-	0.7	-
Durham TCC	196,607	67.3	-	0.1	10.7	7.9	11.3	1.4	-	1.4	-
Edgecombe CC	116,998	57.7	-	0.2	12.7	12.0	10.0	2.4	-	-	5.0
Fayettev'le TCC	383,701	61.2	-	4.0	8.8	10.9	8.9	2.8	-	0.2	3.3
Forsyth TCC	360,838	70.7	-	0.3	10.5	10.3	6.8	1.1	-	0.1	0.3
Gaston Col.	232,721	64.5	-	4.0	11.0	12.3	7.4	0.9	-	-	-
Guilford TCC	458,054	65.6	-	3.6	9.0	9.1	8.7	2.0	-	-	2.0
Halifax CC	96,917	56.2	-	3.1	10.8	14.7	12.3	2.9	-	-	-
Haywood CC	211,048	67.0	-	0.6	7.3	15.5	4.6	3.6	-	1.1	0.4
Isothermal CC	169,036	74.4	-	0.6	7.1	8.1	7.5	2.4	-	-	-
J. Sprunt CC	88,165	67.8	-	0.7	5.6	13.1	6.9	4.3	-	1.6	-
Johnston CC	145,288	62.3	-	0.9	8.9	18.6	5.3	4.1	-	-	-
Lenoir CC	198,814	64.6	-	0.6	13.3	10.5	9.2	1.0	-	0.7	-
Martin CC	165,506	43.6	0.1	0.2	7.7	35.5	3.2	2.4	-	0.2	7.2
Mayland CC	65,972	54.0	-	0.5	24.6	8.8	9.4	2.2	-	-	0.6
McDowell TCC	72,349	64.8	-	-	8.6	11.6	11.1	3.9	-	-	-
Mitchell CC	178,536	58.7	-	-	10.5	17.5	11.5	1.1	-	0.1	0.7
Montgomery CC	53,107	66.0	-	0.2	10.9	10.2	9.8	2.6	-	0.1	-
Nash CC	98,846	71.1	-	0.5	6.3	6.6	13.6	1.8	-	-	-
Pamlico CC	28,597	57.3	-	-	18.9	9.9	9.9	4.1	-	-	-
Piedmont CC	98,915	52.7	-	12.6	10.1	6.9	13.2	3.2	-	1.2	-
Pitt CC	175,449	72.3	-	0.1	15.2	4.8	6.0	1.5	-	-	0.1
Randolph CC	157,155	67.3	-	0.1	10.8	11.3	9.9	0.5	-	-	-
Richmond CC	113,949	60.0	-	1.0	13.4	10.6	12.5	2.5	-	-	-
Roanoke-Cho. CC	99,899	62.0	-	2.9	9.5	9.1	8.3	4.2	-	0.4	3.6
Robeson CC	136,255	57.6	-	-	10.7	19.7	10.7	1.3	-	-	-
Rockingham CC	195,390	68.9	-	0.8	9.9	10.8	8.5	0.9	-	0.1	-
Rowan-Cab. CC	174,086	70.2	-	0.3	13.4	8.9	4.5	2.6	-	-	-
Sampson CC	87,516	53.9	-	-	13.0	13.2	13.0	0.2	-	-	6.7
Sandhills CC	200,250	59.6	-	0.1	12.8	17.6	7.2	2.8	-	<0.1	-
Southeastern CC	125,413	60.6	-	1.8	12.5	13.0	10.5	1.0	-	-	0.5
Southwestern CC	145,949	53.0	-	2.3	9.7	22.4	9.6	2.0	-	1.1	-
Stanly CC	75,123	65.2	-	0.1	8.4	15.3	9.5	1.5	-	-	-
Surry CC	133,531	69.0	-	0.1	10.3	13.5	4.7	2.5	-	-	-
Tri-County CC	82,943	63.9	-	-	8.3	12.6	15.2	-	-	-	-
Vance-Granv. CC	139,393	60.6	-	10.1	10.2	5.4	10.2	0.7	-	-	3.0
Wake TCC	292,120	62.9	-	-	14.7	8.9	9.2	3.0	-	-	1.3
Wayne CC	185,985	62.8	-	0.6	14.6	10.4	5.4	6.3	-	-	-
W. Piedmont CC	132,258	61.9	-	<0.1	14.5	10.9	8.9	3.8	-	-	-
Wilkes CC	204,590	52.1	-	<0.1	9.4	22.6	5.9	4.1	-	3.8	2.0
Wilson TCC	118,915	66.6	-	1.1	14.5	7.5	8.1	2.2	-	-	-
TOTAL	9,536,604	64.0	<0.1	1.5	11.0	11.5	8.3	2.1	-	0.5	1.1

TABLE 14a:
INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academicnature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupational-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	27.0	-	-	-	<0.1	-	-	-
NC State Vet.	31.4	-	-	-	-	-	-	-
UNC-Chapel Hill	21.3	-	0.1	0.3	0.6	-	-	-
UNC-Health Aff.	29.1	-	<0.1	<0.1	0.4	-	-	<0.1
SUBTOTAL	24.9	-	0.1	0.1	0.3	-	-	<0.1
Doctoral Granting Universities I:								
UNC-Greensboro	25.2	-	0.1	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	29.6	-	-	3.6	-	-	-	-
East Carolina	31.0	-	<0.1	-	-	-	-	-
ECU-Health Aff.	18.3	-	-	-	-	-	-	-
Fayetteville	32.5	-	-	0.6	-	-	-	-
NC A & T	32.4	-	-	-	-	-	-	-
NC Central	33.6	-	0.1	-	-	<0.1	-	-
Pembroke	39.1	-	0.2	-	-	-	-	-
UNC-Charlotte	31.2	-	-	-	-	-	-	-
UNC-Wilmington	22.1	-	-	-	0.6	-	-	-
West'n Carolina	26.4	-	<0.1	0.1	0.1	0.1	-	-
SUBTOTAL	29.7	-	<0.1	0.6	0.1	<0.1	-	-
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	32.2	-	0.8	-	-	-	-	-
UNC-Asheville	32.3	-	-	-	-	-	-	-
Winston-Salem	29.1	-	0.8	-	-	-	-	-
SUBTOTAL	31.1	-	0.6	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
1.0	18.8	-	-	1.7	1.9	0.1	NC State
-	31.7	9.6	12.9	-	-	-	NC State Vet.
<0.1	3.8	-	-	1.2	-	0.1	UNC-Chapel Hill
3.1	26.5	3.8	6.9	0.2	-	-	UNC-Health Aff.
0.8	13.6	0.7	1.2	1.2	0.8	0.1	SUBTOTAL
							Doctoral Granting Universities I:
-	3.9	-	-	-	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	0.3	-	-	0.6	-	-	Appalachian
0.3	2.0	-	-	0.7	-	0.1	East Carolina
-	28.2	10.0	16.4	1.4	-	-	ECU-Health Aff.
-	0.1	-	-	1.4	-	<0.1	Fayetteville
0.2	6.8	-	-	0.2	0.5	0.1	NC A & T
0.3	0.6	-	-	0.1	-	-	NC Central
-	-	-	-	0.5	-	<0.1	Pembroke
0.7	3.4	-	-	-	-	-	UNC-Charlotte
1.2	0.8	-	-	-	-	-	UNC-Wilmington
-	0.9	-	-	0.4	-	<0.1	West'n Carolina
0.3	3.0	0.4	0.7	0.4	0.1	<0.1	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	2.7	-	0.5	Elizabeth City
0.3	0.4	-	-	1.7	-	-	UNC-Asheville
-	0.4	-	-	0.1	-	<0.1	Winston-Salem
0.1	0.2	-	-	1.4	-	0.2	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	42.7	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	0.4	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.8	48.3	0.9	3.3	2.7	0.2	0.2	0.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	16.2	-	<0.1	0.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	25.3	-	0.1	<0.1	<0.1	-	-	-
Junior Colleges:								
SUBTOTAL	25.3	-	<0.1	0.1	-	-	-	-
GRAND TOTAL	22.1	7.7	0.2	0.7	0.5	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad. Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	6.1	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	-	30.2	50.9	-	-	-	UNC Hosp. at C.H.
							Community Colleges:
<0.1	-	-	-	1.5	<0.1	<0.1	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	14.7	4.1	9.3	<0.1	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
<0.1	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1	-	-	SUBTOTAL
0.2	5.4	1.2	2.3	0.7	0.2	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu-nity Svc.
	11	12	13	14	15	16	17	18	33
Community Colleges:									
Alamance CC	-	62.5	0.5	2.0	9.2	-	-	-	0.4
Anson CC	6.3	49.4	0.2	6.5	0.4	-	-	-	0.9
Ashev'le-Bun. TCC	0.2	63.0	-	1.3	8.8	-	-	1.5	0.3
Beaufort Co. CC	-	50.7	-	1.6	7.2	-	-	-	1.2
Bladen CC	-	42.5	0.1	1.3	7.7	-	0.7	-	-
Blue Ridge CC	11.5	56.5	-	1.4	0.8	0.5	-	-	0.5
Brunswick CC	-	30.2	-	6.8	3.5	0.6	-	1.4	16.7
Caldwell CC & TI	8.2	41.7	1.2	-	-	-	-	-	-
Cape Fear CC	2.4	63.0	0.3	2.6	1.3	-	-	-	0.3
Carteret CC	0.1	48.1	0.1	2.6	0.1	-	-	2.5	-
Catawba Vy. CC	0.3	58.0	1.9	0.8	8.0	-	-	1.6	-
C. Carolina CC	-	62.4	1.9	1.4	2.7	-	-	-	0.7
C. Piedmont CC	14.2	46.8	3.9	3.0	0.3	-	-	-	<0.1
Cleveland CC	9.7	47.8	-	1.1	0.9	-	3.2	-	2.9
Coastal Car. CC	19.9	41.6	1.1	1.0	7.9	-	0.4	-	0.1
Col. Albemarle	14.4	36.4	0.6	7.2	0.2	-	-	-	14.0
Craven CC**	6.7	61.3	0.3	6.0	-	-	-	-	-
Davidson Co. CC	16.1	38.3	1.8	1.9	4.2	-	-	-	1.0
Durham TCC	0.8	60.4	0.1	4.7	1.2	-	-	-	0.1
Edgecombe CC	2.6	51.1	-	1.6	2.4	-	-	-	0.2
Fayettev'le TCC	-	49.3	0.2	8.8	2.9	-	-	-	4.0
Forsyth TCC	4.8	53.3	1.7	5.1	1.8	-	0.3	3.7	0.3
Gaston Col.	14.1	48.3	1.6	0.3	0.2	-	-	-	4.0
Guilford TCC*	3.7	49.4	1.5	5.2	3.5	0.2	-	2.0	3.5
Halifax CC	11.3	39.2	2.1	0.2	0.8	0.4	-	2.1	3.1
Haywood CC	-	57.0	0.5	2.1	3.4	-	2.8	1.3	0.6
Isothermal CC**	29.2	38.2	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.1	59.2	0.4	2.4	2.6	-	-	-	0.7
Johnston CC	-	62.3	-	-	-	-	-	-	0.9
Lenoir CC*	22.5	26.2	2.7	7.2	0.7	-	0.5	4.7	0.4

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.1, Pitt CC - 0.2
Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu-nity Svc.
	11	12	13	14	15	16	17	18	33
Community Colleges:									
Martin CC	7.2	33.1	0.6	2.2	0.4	-	-	-	0.2
Mayland CC	0.1	50.8	0.2	2.9	<0.1	-	-	-	0.5
McDowell TCC	1.7	56.1	0.7	2.2	4.1	-	-	-	-
Mitchell CC	22.7	17.7	-	15.3	3.0	-	-	-	-
Montgomery CC	-	65.6	-	0.4	-	-	-	-	0.2
Nash CC	2.8	47.6	0.1	2.9	16.5	0.6	0.7	-	0.5
Pamlico CC	-	31.5	-	3.4	22.4	-	-	-	-
Piedmont CC	-	47.2	0.5	2.2	2.9	-	-	-	12.6
Pitt CC*	6.3	62.1	0.2	2.2	1.5	-	-	-	-
Randolph CC	-	59.4	-	1.7	6.3	-	-	-	0.1
Richmond CC	-	50.5	-	8.7	0.5	0.3	-	-	1.0
Roanoke-Cho. CC	-	38.8	-	2.7	0.4	17.8	-	2.3	2.9
Robeson CC	-	54.1	-	2.4	1.1	-	-	-	-
Rockingham CC	31.0	32.9	-	1.5	3.5	-	-	-	0.8
Rowan-Cab. CC	0.4	65.1	-	2.7	2.0	-	-	-	0.3
Sampson CC	-	45.6	2.0	4.3	-	-	1.9	0.2	-
Sandhills CC	23.9	30.9	0.9	0.3	3.5	-	-	-	0.1
Southeastern CC	16.9	39.3	1.2	3.3	-	-	-	-	1.8
Southwestern CC	-	48.5	0.7	2.7	1.1	-	-	-	2.3
Stanly CC	0.3	59.6	-	-	5.3	-	-	-	0.1
Surry CC	20.6	42.6	1.0	0.1	4.8	-	-	-	0.1
Tri-County CC	4.4	53.7	-	4.7	-	-	0.9	0.2	-
Vance-Granv. CC	8.2	46.7	0.5	3.8	1.1	-	-	0.2	10.1
Wake TCC	2.3	50.3	-	8.3	2.0	-	-	-	-
Wayne CC	8.4	50.9	-	3.2	0.3	-	-	-	0.6
W. Piedmont CC	26.7	30.0	-	3.4	1.7	-	-	-	<0.1
Wilkes CC	16.0	33.8	-	0.4	1.9	-	-	-	<0.1
Wilson TCC	1.2	58.0	3.1	1.0	2.6	-	0.7	-	1.1
TOTAL	7.8	48.3	0.9	3.3	2.7	0.2	0.2	0.6	1.5

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Stanly CC - 0.2, Subtotal - <0.1

TABLE 14b:
ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computer Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Research Universities I:								
NC State	5.5	0.2	0.2	0.4	0.1	2.9	<0.1	-
NC State Vet.	5.2	-	1.0	0.1	-	3.7	-	-
UNC-Chapel Hill	12.9	0.5	0.3	0.4	0.6	3.3	-	0.1
UNC-Health Aff.	4.6	<0.1	0.3	0.2	4.4	12.8	<0.1	<0.1
SUBTOTAL	8.6	0.3	0.3	0.4	0.9	4.4	<0.1	0.1
Doctoral Granting Universities I:								
UNC-Greensboro	7.6	1.4	0.9	1.2	1.0	1.5	-	-
Comprehensive I Universities:								
Appalachian	5.6	1.0	0.4	0.4	0.6	2.0	0.2	0.1
East Carolina	6.0	0.3	0.2	0.1	2.1	1.4	<0.1	-
ECU-Health Aff.	7.2	0.1	1.8	0.2	-	8.0	-	-
Fayetteville	8.8	0.4	0.8	0.2	1.0	2.7	-	-
NC A & T	7.2	0.4	0.2	0.3	4.3	3.4	-	-
NC Central	8.9	0.4	0.5	0.3	1.2	2.7	-	<0.1
Pembroke	5.7	1.4	0.3	-	-	1.2	-	-
UNC-Charlotte	6.0	0.1	0.5	-	-	2.1	-	-
UNC-Wilmington	11.9	<0.1	-	0.1	-	2.5	-	0.1
West'n Carolina	7.5	0.6	0.6	0.1	1.5	1.2	-	0.3
SUBTOTAL	7.1	0.5	0.4	0.2	1.3	2.3	<0.1	0.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	5.5	0.1	-	0.2	0.8	1.1	-	-
UNC-Asheville	8.8	0.5	1.0	0.8	-	0.5	-	-
Winston-Salem	4.8	1.2	0.1	0.7	0.4	1.7	-	-
SUBTOTAL	6.2	0.6	0.3	0.6	0.4	1.2	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Specialized Institution:								
NC Sch. of Arts	4.5	0.7	0.1	<0.1	0.1	1.1	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.1	0.1	1.0	0.1	1.0	1.7	<0.1	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	7.3	0.4	0.2	0.3	<0.1	3.5	<0.1	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	5.9	0.4	0.2	0.1	0.2	0.5	-	0.1
Junior Colleges:								
SUBTOTAL	5.5	0.6	-	<0.1	-	0.2	-	-
GRAND TOTAL	7.0	0.4	0.4	0.2	0.7	2.3	<0.1	<0.1

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Alamance CC	4.6	-	0.7	0.1	2.9	1.4	-	-
Anson CC	9.2	-	0.5	0.2	-	3.7	-	-
Ashev'le-Bun. TCC	2.5	-	0.2	<0.1	5.1	0.6	-	-
Beaufort Co. CC	8.5	-	0.5	-	-	1.4	-	-
Bladen CC	6.8	-	0.3	-	-	1.7	-	-
Blue Ridge CC	5.6	<0.1	1.5	-	1.6	1.2	-	-
Brunswick CC	5.5	-	1.2	-	-	1.5	-	-
Caldwell CC & TI	6.2	-	1.1	-	-	2.8	-	-
Cape Fear CC	9.3	-	1.6	0.3	-	1.0	-	-
Carteret CC	5.6	-	1.2	-	2.7	2.3	-	-
Catawba Vy. CC	5.2	0.2	1.1	0.2	2.4	2.0	-	-
C. Carolina CC	7.5	-	0.6	-	0.3	0.8	-	-
C. Piedmont CC	7.7	0.1	1.8	0.1	1.2	1.8	-	-
Cleveland CC	10.7	0.4	1.9	-	-	1.8	-	-
Coastal Car. CC	9.3	0.3	1.0	0.2	-	0.6	-	-
Col. Albemarle	7.8	0.6	0.5	-	-	1.9	-	-
Craven CC	9.8	-	1.6	-	-	1.7	-	-
Davidson Co. CC	8.9	-	1.5	0.1	2.9	3.5	-	-
Durham TCC	6.7	-	1.1	-	-	2.7	0.2	-
Edgecombe CC	8.8	-	1.4	0.2	-	2.2	-	-
Fayettev'le TCC	4.3	-	1.2	0.1	-	3.2	-	-
Forsyth TCC	5.6	-	0.4	0.5	-	4.0	-	-
Gaston Col.	4.0	0.2	0.3	0.3	5.3	0.7	-	-
Guilford TCC	6.4	-	0.7	-	-	1.8	0.1	-
Halifax CC	9.2	-	0.4	-	-	1.1	-	-
Haywood CC	4.2	0.2	0.2	-	1.9	0.7	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	4.3	-	-	-	-	1.3	-	-
Johnston CC	5.4	-	1.9	-	-	1.6	-	-
Lenoir CC	8.6	1.4	1.1	<0.1	-	2.2	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Martin CC	6.4	-	-	-	-	1.3	-	-
Mayland CC	13.2	-	1.3	-	8.8	1.3	-	-
McDowell TCC	7.1	0.7	-	-	-	0.9	-	-
Mitchell CC	6.8	0.7	0.4	0.2	-	2.4	-	-
Montgomery CC	5.9	-	-	-	3.5	1.5	-	-
Nash CC	4.3	-	-	-	-	1.9	-	-
Pamlico CC	16.1	-	1.6	-	-	1.2	-	-
Piedmont CC	7.3	-	0.5	0.1	-	2.2	-	-
Pitt CC	11.2	-	1.8	-	1.4	0.6	0.2	-
Randolph CC	7.4	-	1.6	-	-	1.8	-	-
Richmond CC	10.0	-	1.5	0.6	-	1.2	-	-
Roanoke-Cho. CC	6.3	-	-	-	1.1	2.1	-	-
Robeson CC	7.5	-	1.4	-	-	1.9	-	-
Rockingham CC	6.3	0.8	0.4	0.1	1.0	1.4	-	-
Rowan-Cab. CC	9.9	-	0.9	-	-	2.6	-	-
Sampson CC	10.9	-	-	0.2	-	1.9	-	-
Sandhills CC	9.4	0.6	1.5	-	-	1.1	0.2	-
Southeastern CC	8.5	-	1.9	0.1	1.7	0.4	-	-
Southwestern CC	5.6	-	1.7	-	-	2.5	-	-
Stanly CC	6.3	-	0.6	0.3	-	1.2	-	-
Surry CC	8.7	-	1.0	0.1	-	0.4	-	-
Tri-County CC	7.7	-	-	-	-	0.6	-	-
Vance-Granv. CC	7.1	-	-	-	2.0	1.1	-	-
Wake TCC	9.4	-	1.8	0.2	2.5	0.9	-	-
Wayne CC	10.5	-	1.6	-	-	2.2	0.2	-
W. Piedmont CC	9.1	-	2.4	-	-	2.9	-	-
Wilkes CC	5.2	1.0	0.5	-	1.6	1.1	-	-
Wilson TCC	6.8	-	1.3	<0.1	4.5	1.7	-	-
TOTAL	7.1	0.1	1.0	0.1	1.0	1.7	<0.1	-

TABLE 14c:
STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Research Universities I:												
NC State	0.1	2.6	0.2	0.1	25.1	3.7	0.3	0.4	0.8	<0.1	0.5	<0.1
NC State Vet.	-	0.1	-	-	3.1	-	-	-	0.2	0.2	-	-
UNC-Chapel Hill	0.2	3.2	0.2	0.1	27.7	8.3	0.7	0.4	0.9	0.2	0.7	0.2
UNC-Health Aff.	0.1	0.1	<0.1	<0.1	0.4	-	-	-	<0.1	0.3	-	-
SUBTOTAL	0.1	2.5	0.2	0.1	22.6	5.1	0.4	0.4	0.7	0.1	0.5	0.1
Doctoral Granting Universities I:												
UNC-Greensboro	0.2	7.3	0.4	0.2	36.3	1.6	0.8	0.8	1.0	0.1	0.1	0.4
Comprehensive II Universities:												
Appalachian	0.3	7.7	0.3	0.1	37.2	1.8	0.7	1.3	0.7	<0.1	0.5	-
East Carolina	0.2	5.5	0.3	0.2	34.9	3.5	0.5	0.2	1.5	0.1	-	0.1
ECU-Health Aff.	0.3	-	-	-	-	-	-	0.2	1.6	0.1	0.1	-
Fayetteville	0.1	7.9	1.0	0.8	29.2	1.0	0.7	-	1.7	-	-	0.6
NC A & T	0.2	3.7	0.7	0.1	27.6	1.1	0.4	0.2	0.9	<0.1	0.1	<0.1
NC Central	0.2	5.4	0.4	0.3	31.2	3.3	0.5	0.2	0.5	-	-	0.1
Pembroke	0.2	9.2	0.6	0.2	29.2	0.3	0.7	0.6	0.9	<0.1	-	0.1
UNC-Charlotte	0.1	3.4	0.5	0.1	44.6	0.7	0.5	0.2	0.7	0.1	-	-
UNC-Wilmington	0.5	6.8	0.6	0.2	35.2	5.7	0.3	0.4	0.9	-	0.1	-
West'n Carolina	0.1	6.8	0.6	0.1	33.5	2.4	0.4	0.4	0.7	0.1	<0.1	0.1
SUBTOTAL	0.2	5.7	0.5	0.2	33.3	2.2	0.5	0.4	0.9	0.1	0.1	0.1
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	0.2	6.5	0.6	0.4	35.3	1.6	0.8	0.7	0.5	-	-	-
UNC-Asheville	0.1	3.1	0.4	0.2	31.0	1.9	0.3	0.8	0.5	0.1	0.3	0.2
Winston-Salem	0.4	7.1	0.5	0.4	34.8	2.1	0.4	0.3	0.6	0.1	0.2	0.3
SUBTOTAL	0.3	5.7	0.5	0.3	33.8	1.9	0.5	0.6	0.6	0.1	0.2	0.2
Specialized Institution:												
NC Sch. of Arts	0.2	7.3	0.1	0.2	24.8	-	0.6	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	2.4	0.5	-	-
Community Colleges:												
SUBTOTAL	0.5	5.2	0.9	0.2	4.6	<0.1	<0.1	0.2	1.6	0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.5	0.1	0.1	23.1	2.7	0.3	0.4	1.0	0.2	0.4	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.6	0.3	0.2	36.8	3.1	0.4	0.2	1.3	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.6	9.3	0.2	0.1	40.5	1.6	0.9	0.1	1.6	0.2	-	<0.1
GRAND TOTAL	0.2	5.1	0.4	0.2	25.8	2.6	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	0.7	<0.1	0.2	0.5	4.3	-	-	0.4	2.6	-	-	-
Anson CC	0.3	6.2	0.7	0.4	3.2	-	-	-	3.6	-	-	-
Ashev'le-Bun. TCC	0.1	2.5	0.4	0.4	3.8	-	-	0.2	0.4	-	-	0.2
Beaufort Co. CC	0.3	7.1	0.6	0.2	4.1	-	-	-	4.9	-	-	-
Bladen CC	0.8	15.2	1.2	-	0.7	-	-	-	2.3	-	-	1.6
Blue Ridge CC	0.1	2.5	0.6	-	5.5	-	-	-	3.4	0.1	-	-
Brunswick CC	1.8	-	0.1	0.1	5.1	-	0.1	-	2.6	0.1	-	-
Caldwell CC & TI	0.1	21.0	0.7	<0.1	3.5	-	-	0.1	5.8	-	-	0.1
Cape Fear CC	0.4	1.6	1.9	0.3	4.5	-	-	-	-	-	-	0.1
Carteret CC	0.6	2.2	0.4	0.1	4.1	-	-	0.3	0.3	-	-	-
Catawba Vy. CC	0.1	3.7	1.4	<0.1	2.5	-	-	-	-	-	-	-
C. Carolina CC	0.7	0.3	0.7	0.1	5.2	-	-	0.1	-	-	-	-
C. Piedmont CC	1.3	2.3	1.4	0.4	4.0	-	-	0.2	0.7	0.1	-	0.3
Cleveland CC	0.4	6.1	-	0.6	2.8	-	-	0.1	1.8	0.2	-	-
Coastal Car. CC	<0.1	2.4	1.6	0.1	5.2	-	-	-	2.1	-	-	-
Col. Albemarle	1.4	5.4	0.5	0.3	1.4	-	-	-	1.3	-	-	-
Craven CC	0.1	3.3	1.0	0.2	3.0	-	-	-	-	-	-	-
Davidson Co. CC	0.1	1.9	0.3	0.2	4.2	-	-	0.1	2.0	-	-	-
Durham TCC	0.2	1.1	1.3	0.2	5.2	-	-	-	0.8	<0.1	-	0.5
Edgecombe CC	0.3	9.9	0.6	0.1	1.1	-	-	1.6	0.9	-	-	-
Fayettev'le TCC	0.7	5.5	0.9	0.1	3.6	-	0.1	0.3	1.3	0.4	-	0.8
Forsyth TCC	0.1	3.2	0.8	0.3	5.8	-	-	0.1	1.0	<0.1	-	-
Gaston Col.	0.2	6.2	1.1	0.1	4.6	-	<0.1	-	0.5	-	-	0.4
Guilford TCC	0.2	2.9	0.9	0.2	4.9	-	<0.1	-	1.4	0.2	-	0.4
Halifax CC	0.2	5.0	1.6	0.4	7.4	-	-	0.1	2.7	-	-	-
Haywood CC	0.6	9.0	0.4	0.1	5.5	-	-	0.1	1.0	<0.1	-	2.5
Isothermal CC	0.3	3.8	0.5	0.2	3.4	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	0.6	4.3	1.9	0.4	6.0	-	-	-	4.3	-	-	-
Johnston CC	0.9	12.0	0.4	0.3	5.0	-	-	-	4.0	<0.1	-	-
Lenoir CC	-	5.8	0.2	0.4	2.9	1.1	-	-	0.3	-	-	0.7
Martin CC	1.5	30.1	0.8	0.1	2.9	-	-	0.2	2.1	0.2	-	-
Mayland CC	<0.1	0.2	0.3	0.3	7.9	-	-	-	2.2	-	-	-
McDowell TCC	0.4	-	1.9	0.2	9.0	-	-	-	0.5	-	-	3.4
Mitchell CC	1.1	9.8	0.5	0.3	5.9	-	-	0.3	0.7	0.2	-	-
Montgomery CC	-	3.2	1.3	0.2	5.7	-	-	0.4	2.2	-	-	-
Nash CC	1.1	0.6	1.2	0.1	3.6	-	-	-	1.7	0.1	-	-
Pamlico CC	1.2	-	1.7	-	7.0	-	-	-	4.1	-	-	-
Piedmont CC	2.0	0.3	-	-	4.7	-	-	-	3.2	-	-	-
Pitt CC	1.4	<0.1	0.4	0.3	2.6	-	-	-	1.5	-	-	-
Randolph CC	0.8	2.8	1.5	0.1	6.1	-	-	0.4	0.1	-	-	-
Richmond CC	0.4	4.5	1.8	0.1	3.7	-	0.1	-	1.9	-	-	0.5
Roanoke-Cho. CC	0.3	2.1	1.8	0.3	4.6	-	-	-	-	-	-	4.2
Robeson CC	0.5	10.3	1.6	0.3	7.0	-	-	-	1.3	-	-	-
Rockingham CC	0.3	6.3	0.5	0.3	3.5	-	-	0.1	0.6	0.1	-	0.2
Rowan-Cab. CC	-	-	1.0	-	7.9	-	-	-	2.5	0.1	-	-
Sampson CC	0.2	3.8	1.6	0.2	7.4	-	-	0.2	-	-	-	-
Sandhills CC	0.1	7.1	2.1	0.2	8.0	-	-	-	2.2	0.1	0.1	0.5
Southeastern CC	0.5	3.7	2.8	0.2	5.9	-	-	0.4	0.6	-	-	-
Southwestern CC	0.3	15.2	0.6	0.1	6.2	-	-	-	2.0	-	-	-
Stanly CC	0.1	5.8	1.6	0.3	7.5	-	-	0.1	1.4	-	-	-
Surry CC	0.1	3.1	2.3	0.1	7.8	-	-	0.1	2.4	-	-	-
Tri-County CC	0.9	7.2	0.2	0.1	4.2	-	-	-	-	-	-	-
Vance-Granv. CC	0.1	-	0.9	0.2	4.2	-	-	-	0.7	-	-	-
Wake TCC	0.4	1.6	1.3	0.4	5.1	-	0.1	<0.1	2.7	-	-	0.2
Wayne CC	0.3	5.5	0.5	0.4	3.6	-	0.1	-	6.3	-	-	-
W. Piedmont CC	0.8	4.2	0.7	0.2	5.0	-	<0.1	0.2	2.6	0.1	-	1.0
Wilkes CC	0.1	18.9	0.5	<0.1	3.0	-	-	3.3	0.4	0.5	-	-
Wilson TCC	0.5	2.0	0.7	0.1	4.1	-	0.2	0.1	2.0	0.1	-	-
TOTAL	0.5	5.2	0.9	0.2	4.6	<0.1	<0.1	0.2	1.6	0.1	<0.1	0.3

TABLE 14d:
INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprgram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	0.3	0.5	2.2	0.3	0.3	0.3	0.1	0.1	0.3	0.2	0.3	1.3
NC State Vet.	-	-	0.7	-	-	0.2	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.2	0.4	0.7	1.0	0.2	0.2	2.2	1.7	0.2	0.9
UNC-Health Aff.	-	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	1.0	3.7	1.0	0.5
SUBTOTAL	0.3	0.5	2.3	0.3	0.4	0.6	0.1	0.1	1.2	1.3	0.4	1.0
Doctoral Granting Universities I:												
UNC-Greensboro	0.7	0.5	4.2	0.5	0.2	1.0	0.3	-	-	-	0.1	0.6
Comprehensive I Universities:												
Appalachian	0.5	0.5	1.8	0.6	0.4	0.3	0.1	0.3	-	0.1	0.6	0.1
East Carolina	0.3	0.4	3.0	0.7	0.4	0.6	0.2	0.2	-	<0.1	<0.1	3.0
ECU-Health Aff.	-	-	4.2	-	0.2	1.2	0.3	0.4	-	-	-	-
Fayetteville	1.4	1.0	2.8	<0.1	2.4	0.2	0.3	0.3	<0.1	0.2	-	-
NC A & T	0.8	0.8	0.5	0.1	1.0	0.6	0.1	0.1	-	0.5	-	4.4
NC Central	0.9	0.5	2.6	0.7	1.6	0.2	0.2	0.1	-	0.1	0.8	1.4
Pembroke	0.8	0.6	3.7	0.9	1.8	0.9	0.5	0.3	-	-	-	-
UNC-Charlotte	0.9	0.5	2.2	0.3	0.6	0.2	0.3	0.1	-	-	0.2	-
UNC-Wilmington	1.2	1.4	3.5	0.4	1.2	0.7	0.4	0.2	<0.1	0.6	0.2	0.1
West'n Carolina	0.7	0.3	3.3	0.3	3.3	0.7	0.2	0.2	0.1	3.8	<0.1	2.4
SUBTOTAL	0.7	0.6	2.5	0.4	1.2	0.5	0.2	0.2	<0.1	0.6	0.2	1.5
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	1.3	0.7	2.7	0.3	3.2	0.5	0.3	0.3	-	-	<0.1	-
UNC-Asheville	0.9	0.7	1.4	<0.1	1.2	0.3	0.3	0.3	-	1.3	-	8.3
Winston-Salem	0.7	0.9	2.6	0.4	1.8	1.7	0.3	0.3	-	0.4	0.4	4.0
SUBTOTAL	0.9	0.8	2.3	0.3	2.1	0.9	0.3	0.3	-	0.5	0.2	3.9
Specialized Institution:												
NC Sch. of Arts	0.7	0.3	1.0	0.1	2.3	0.5	0.2	0.2	0.6	-	<0.1	5.0
Teaching Hospitals:												
UNC Hosp. at C. H.	0.8	3.0	7.5	2.6	-	0.1	-	-	-	-	-	1.5
Community Colleges:												
SUBTOTAL	1.4	1.0	3.8	0.4	0.6	0.2	0.3	0.5	0.3	0.3	0.4	0.7
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.4	0.4	3.3	0.3	1.3	0.5	0.2	0.1	2.0	1.0	<0.1	2.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.4	5.3	0.2	5.8	0.8	0.8	0.2	0.2	0.4	0.7	1.1
Junior Colleges:												
SUBTOTAL	0.8	0.9	1.4	<0.1	5.2	0.8	0.6	0.2	-	0.4	1.5	1.2
GRAND TOTAL	0.7	0.6	3.5	0.3	1.9	0.6	0.3	0.2	0.6	0.7	0.3	1.4

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.2	1.3	2.7	<0.1	0.8	0.4	0.2	0.4	-	-	0.1	-
Anson CC	1.0	1.5	1.9	0.8	-	-	-	0.7	-	-	2.2	-
Asheville-Bun. TCC	1.0	0.5	4.6	0.1	0.3	0.4	0.3	0.6	-	<0.1	0.1	0.4
Beaufort Co. CC	2.2	2.6	4.2	0.2	0.5	0.5	0.4	0.8	-	-	0.3	-
Bladen CC	1.7	1.2	4.4	0.3	0.1	-	-	0.2	-	1.7	7.5	-
Blue Ridge CC	0.6	0.8	1.1	0.1	0.3	0.1	-	0.3	-	0.1	-	3.5
Brunswick CC	2.3	1.0	2.2	0.3	1.0	0.6	0.1	0.2	-	5.0	-	9.9
Caldwell CC & TI	0.6	1.2	4.1	0.3	0.2	0.2	0.8	0.2	-	-	-	<0.1
Cape Fear CC	1.3	1.5	4.2	0.4	0.1	0.3	0.6	0.6	-	0.1	-	-
Carteret CC	1.8	0.7	21.5	0.3	0.2	-	-	0.1	-	0.9	0.1	1.3
Catawba Vy. CC	0.9	0.9	5.5	0.2	0.4	0.2	-	0.6	-	0.7	0.8	0.4
C. Carolina CC	1.3	0.9	0.6	-	0.1	-	-	0.6	10.1	-	-	0.7
C. Piedmont CC	0.6	1.0	2.8	0.8	0.5	0.4	-	1.3	-	-	-	0.9
Cleveland CC	1.6	0.6	3.1	0.6	0.7	0.5	0.1	0.3	-	-	0.3	-
Coastal Car. CC	1.2	1.0	1.6	0.2	0.6	0.1	0.1	0.5	-	-	-	-
Col. Albemarle	1.3	1.0	2.2	0.2	0.3	0.1	0.5	0.4	-	-	-	-
Craven CC	1.1	1.2	1.6	-	0.2	0.4	-	0.4	-	-	-	-
Davidson Co. CC	2.7	0.6	3.7	0.4	2.0	0.2	0.3	0.4	-	0.7	-	-
Durham TCC	2.1	1.0	4.3	1.4	1.1	0.3	0.6	0.4	-	1.4	-	-
Edgecombe CC	2.3	0.7	5.4	-	0.2	0.3	0.5	0.6	-	-	5.0	-
Fayettev'le TCC	1.4	1.3	3.9	0.7	0.3	0.1	0.6	0.6	-	0.2	-	3.3
Forsyth TCC	2.1	0.6	2.1	0.3	0.3	0.1	0.8	0.5	-	0.1	0.3	-
Gaston Col.	1.2	0.5	4.8	-	0.3	0.2	0.3	0.2	-	-	-	-
Guilford TCC	1.5	0.5	3.8	0.4	1.3	<0.1	0.7	0.4	-	-	1.5	0.5
Halifax CC	1.5	0.6	7.0	0.5	0.6	0.6	0.6	0.9	-	-	-	-
Haywood CC	0.9	0.4	1.7	0.1	0.2	0.1	1.0	0.2	-	1.1	-	0.4
Isothermal CC	1.3	1.1	3.6	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	1.8	1.9	1.7	-	0.3	-	-	1.2	-	1.6	-	-
Johnston CC	0.6	1.0	2.6	0.2	0.5	-	0.1	0.3	-	-	-	-
Lenoir CC	0.6	1.2	4.2	0.2	1.0	0.5	1.1	0.4	-	0.7	-	-
Martin CC	0.7	0.6	1.1	0.3	0.2	-	-	0.2	-	0.2	-	7.2
Mayland CC	2.7	0.7	3.4	1.1	-	-	0.9	0.6	-	-	0.6	-
McDowell TCC	1.2	1.6	5.0	0.3	2.3	0.3	-	0.2	-	-	-	-
Mitchell CC	1.4	1.2	6.7	-	0.9	0.7	0.1	0.5	-	0.1	0.7	-
Montgomery CC	4.0	1.5	2.7	0.2	-	0.5	0.5	0.4	-	0.1	-	-
Nash CC	1.6	0.9	8.5	0.9	1.0	0.3	0.3	0.2	-	-	-	-
Pamlico CC	2.2	3.1	3.1	0.2	-	1.0	-	0.3	-	-	-	-
Piedmont CC	3.2	1.4	5.2	0.6	2.4	0.3	0.1	0.1	-	1.2	-	-
Pitt CC	0.6	1.3	2.4	0.5	0.5	0.2	-	0.5	-	-	0.1	-
Randolph CC	1.4	1.0	4.5	1.4	0.7	-	-	0.8	-	-	-	-
Richmond CC	4.2	1.1	5.8	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.5	1.0	4.4	0.2	0.4	0.2	0.4	0.2	-	0.4	-	3.6
Robeson CC	1.6	1.2	5.2	0.5	0.5	0.1	0.9	0.8	-	-	-	-
Rockingham CC	1.2	0.9	3.7	0.4	0.8	0.3	0.7	0.4	-	0.1	-	-
Rowan-Cab. CC	0.6	1.5	1.1	-	0.7	0.1	0.5	-	-	-	-	-
Sampson CC	3.4	2.4	5.5	0.3	-	0.1	0.2	1.2	-	-	5.8	1.0
Sandhills CC	1.1	0.3	2.0	0.4	2.6	0.2	0.3	0.4	-	<0.1	-	-
Southeastern CC	1.1	1.5	6.3	0.4	-	0.5	0.3	0.5	-	-	-	0.5
Southwestern CC	0.8	1.1	5.4	0.3	-	0.2	0.3	1.4	-	1.1	-	-
Stanly CC	3.2	1.5	1.9	0.6	0.2	0.6	0.2	1.3	-	-	-	-
Surry CC	0.5	1.0	1.8	0.5	0.6	0.1	0.1	-	-	-	-	-
Tri-County CC	0.8	0.7	13.3	0.1	-	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.4	1.1	5.3	0.2	0.2	0.1	1.6	0.4	-	-	3.0	-
Wake TCC	1.8	0.5	4.2	0.6	0.9	0.3	0.2	0.6	-	-	-	1.3
Wayne CC	1.5	0.6	1.4	0.4	0.9	0.1	0.3	0.3	-	-	-	-
W. Piedmont CC	1.1	1.0	3.2	0.4	-	2.3	0.4	0.5	-	-	-	-
Wilkes CC	1.6	0.8	2.9	0.1	-	0.2	0.3	0.1	3.6	0.2	-	2.0
Wilson TCC	2.3	1.3	2.6	0.4	0.4	0.1	<0.1	1.0	-	-	-	-
TOTAL	1.4	1.0	3.8	0.4	0.6	0.2	0.3	0.5	0.3	0.3	0.4	0.7

TABLE 15:
ASSIGNABLE AREA BY ROOM CODE

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pp. 117-118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 1992 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Use Code	Norm (%)	All N. C. Institutions 1994 (%)
Classroom (Series 100)	8.0	7.9
Laboratory (Series 200)	14.5	15.2
Office (Series 300)	13.0	17.1
Study (Series 400)	6.8	7.4
Special Use (Series 500)	8.9	8.7
General Use (Series 600)	12.0	12.5
Support (Series 700)	6.5	5.1
Health Care (Series 800)	1.4	2.6
Residential (Series 900)	26.7	21.9
Unclassified (Series 000)	2.2	1.7

Room Use Codes

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Open Laboratory
225 Open Laboratory Service
250 Research/Nonclass Laboratory
255 Research/Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room
355 Conference Room Service

400 Study Facilities
410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic or Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic or Physical Ed. Svc.
530 Media Production
535 Media Production Service
540 Clinic
545 Clinic Service
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other (All Purpose)

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facility
635 Food Facility Service
640 Day Care
645 Day Care Service
650 Lounge
655 Lounge Service
660 Merchandising
665 Merchandising Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service

700 Support Facilities
710 Central Computer or Telecommunications
715 Central Computer or Telecommunications Service
720 Shop
725 Shop Service
730 Central Storage
735 Central Storage Service
740 Vehicle Storage
745 Vehicle Storage Service
750 Central Service
755 Central Service Support
760 Hazardous Materials
765 Hazardous Materials Service

800 Health Care Facilities
810 Patient Bedroom
815 Patient Bedroom Service
820 Patient Bath
830 Nurse Station
835 Nurse Station Service
840 Surgery
845 Surgery Service
850 Treatment/Examination
855 Treatment/Examination Service
860 Diagnostic Service Laboratory
865 Diagnostic Service Laboratory Support
870 Central Supplies
880 Public Waiting
890 Staff On-Call Facility
895 Staff On-Call Facility Service

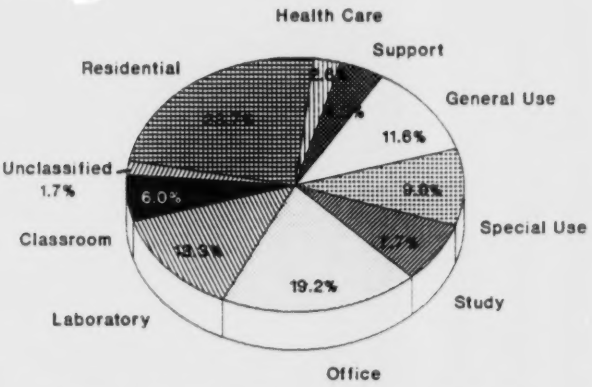
900 Residential Facilities

910 Sleep/Study without Toilet or Bath
910X Sleep/Study without Toilet or Bath Designed and Equipped for Mobility Impaired
919 Toilet or Bath
919X Toilet or Bath Designed and Equipped for Mobility Impaired
920 Sleep/Study with Toilet or Bath
920X Sleep/Study with Toilet or Bath Designed and Equipped for Mobility Impaired
935 Sleep/Study Service
950 Apartment
950X Apartment Equipped for Mobility Impaired
955 Apartment Service
970 House

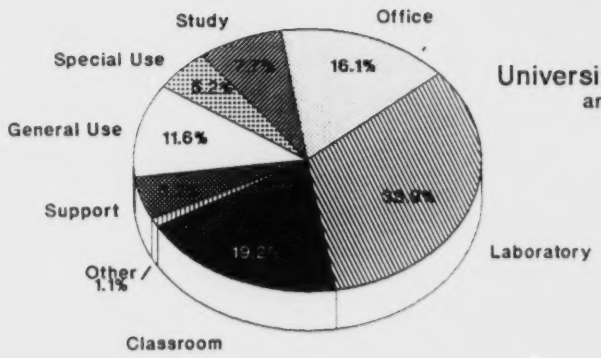
000 Unclassified Facilities

010 Elevator
011 Men's Toilet Equipped for Mobility Impaired
012 Women's Toilet Equipped for Mobility Impaired
013 Unisex Toilet Equipped for Mobility Impaired
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

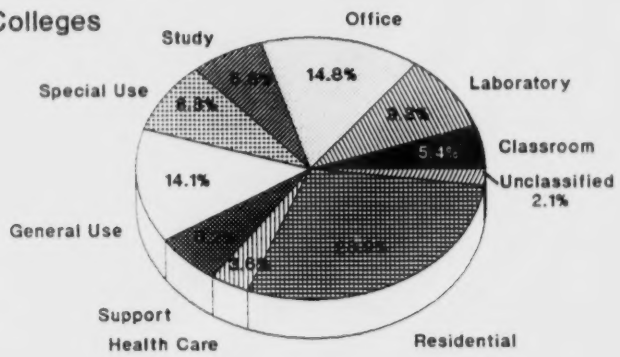
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Research Univ. I:									
NC State	4,634,547	206,907	4.5	1,031,366	22.3	989,232	21.3	243,548	5.3
NC State Vet.	234,982	7,336	3.1	53,619	22.8	35,065	14.9	12,667	5.4
UNC-Chapel Hill	4,797,798	223,092	4.6	390,927	8.1	865,899	18.0	620,390	12.9
UNC-Health Aff.	1,431,282	55,276	3.9	444,275	31.0	561,018	39.2	66,683	4.7
SUBTOTAL	11,098,609	492,611	4.4	1,920,187	17.3	2,451,214	22.1	943,288	8.5
Doctoral Granting Universities I:									
UNC-Greensboro	1,923,587	124,591	6.5	184,205	9.6	359,384	18.7	154,940	8.1
Comprehensive I Universities:									
Appalachian	1,998,538	161,634	8.1	157,166	7.9	315,002	15.8	108,815	5.4
East Carolina	2,230,536	171,727	7.7	282,733	12.7	370,409	16.6	137,594	6.2
ECU-Health Aff.	514,729	28,431	5.5	128,037	24.9	177,627	34.5	36,150	7.0
Fayetteville	605,869	63,395	10.5	57,031	9.4	111,032	18.3	58,595	9.7
NC A & T	1,543,313	107,051	6.9	243,864	15.8	255,182	16.5	120,490	7.8
NC Central	1,022,505	103,242	10.1	86,474	8.5	169,503	16.6	109,270	10.7
Pembroke	485,272	47,113	9.7	40,584	8.4	81,665	16.8	30,813	6.3
UNC-Charlotte	1,672,181	91,856	5.5	231,853	13.9	273,719	16.4	128,848	7.7
UNC-Wilmington	1,018,106	64,201	6.3	79,864	7.8	193,679	19.0	117,149	11.5
West'n Carolina	1,609,663	106,196	6.6	126,369	7.9	215,718	13.4	118,240	7.3
SUBTOTAL	12,700,712	944,846	7.4	1,433,975	11.3	2,163,536	17.0	965,964	7.6
Comp. II and Lib. Arts I Univ.:									
Elizabeth City	588,941	42,799	7.3	66,375	11.3	78,397	13.3	38,490	6.5
UNC-Asheville	525,932	44,636	8.5	62,008	11.8	78,068	14.8	49,980	9.5
Winston-Salem	678,302	59,650	8.8	43,565	6.4	109,971	16.2	38,149	5.6
SUBTOTAL	1,793,175	147,085	8.2	171,948	9.6	266,436	14.9	126,619	7.1
Specialized Institution:									
NC Sch. of Arts	411,402	17,267	4.2	113,408	27.6	42,011	10.2	19,027	4.6
Teaching Hospitals:									
UNC Hosp. at C. Hill	741,787	1,564	0.2	1,699	0.2	233,369	31.5	5,099	0.7
Community Colleges:									
SUBTOTAL	9,536,604	1,830,082	19.2	3,235,142	33.9	1,536,088	16.1	740,896	7.8
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	8,347,704	282,488	3.4	1,100,165	13.2	1,793,410	21.5	645,909	7.7
Gen. Baccalaureate Colleges:									
SUBTOTAL	12,196,971	807,375	6.6	821,181	6.7	1,290,920	10.6	763,804	6.3
Junior Colleges:									
SUBTOTAL	935,592	59,829	6.4	67,341	7.2	94,001	10.0	52,347	5.6
GRAND TOTAL	59,686,143	4,707,738	7.9	9,049,251	15.2	10,230,000	17.1	4,417,893	7.4

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Research Univ. I:
534,862	11.5	409,452	8.8	183,403	4.0	10,542	0.2	948,812	20.5	76,423	1.6	NC State
52,519	22.4	7,845	3.3	10,483	4.5	55,448	23.6	-	-	-	-	NC State Vet.
591,078	12.3	575,414	12.0	296,235	6.2	19,442	0.4	1,158,769	24.2	56,552	1.2	UNC-Chapel Hill
74,324	5.2	39,038	2.7	35,777	2.5	132,732	9.3	430	<0.1	21,729	1.5	UNC-Health Aff.
1,252,783	11.3	1,031,749	9.3	525,898	4.7	218,164	2.0	2,108,011	19.0	154,704	1.4	SUBTOTAL
												Doctoral Granting Universities I:
165,603	8.6	274,382	14.3	96,856	5.0	10,044	0.5	541,168	28.1	12,414	0.6	UNC-Greensboro
												Comprehensive I Universities:
208,348	10.4	327,369	16.4	90,065	4.5	11,973	0.6	603,798	30.2	14,368	0.7	Appalachian
177,632	8.0	249,387	11.2	99,781	4.5	5,975	0.3	668,196	30.0	67,102	3.0	East Carolina
29,656	5.8	8,378	1.6	28,167	5.5	78,283	15.2	-	-	-	-	ECU-Health Aff.
46,721	7.7	91,770	15.1	27,852	4.6	3,891	0.6	145,582	24.0	-	-	Fayetteville
203,422	13.2	160,369	10.4	23,378	1.5	6,148	0.4	355,311	23.0	68,098	4.4	NC A & T
135,676	13.3	101,708	9.9	29,572	2.9	4,727	0.5	263,174	25.7	19,159	1.9	NC Central
65,594	13.5	84,851	17.5	21,257	4.4	2,965	0.6	110,430	22.8	-	-	Pembroke
101,206	6.1	228,486	13.7	28,490	1.7	6,779	0.4	580,944	34.7	-	-	UNC-Charlotte
102,163	10.0	131,179	12.9	37,336	3.7	1,977	0.2	287,967	28.3	2,591	0.3	UNC-Wilmington
164,389	10.2	257,718	16.0	72,047	4.5	3,870	0.2	506,431	31.5	38,685	2.4	West'n Carolina
1,234,807	9.7	1,641,215	12.9	457,945	3.6	126,588	1.0	3,521,833	27.7	210,003	1.7	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
64,852	11.0	95,099	16.1	16,179	2.7	4,862	0.8	181,888	30.9	-	-	Elizabeth City
33,579	6.4	61,206	11.6	18,497	3.5	1,192	0.2	133,215	25.3	43,551	8.3	UNC-Asheville
68,468	10.1	101,145	14.9	28,340	4.2	2,500	0.4	198,281	29.2	28,233	4.2	Winston-Salem
166,899	9.3	257,450	14.4	63,016	3.5	8,554	0.5	513,384	28.6	71,784	4.0	SUBTOTAL
												Specialized Institution:
11,729	2.9	73,975	18.0	19,064	4.6	1,814	0.4	92,288	22.4	20,819	5.1	NC Sch. of Arts
												Teaching Hospitals:
1,730	0.2	34,797	4.7	64,614	8.7	383,605	51.7	4,449	0.6	10,861	1.5	UNC Hosp. at C. Hill
												Community Colleges:
492,921	5.2	1,102,141	11.6	491,461	5.2	1,480	<0.1	9,789	0.1	96,604	1.0	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
491,932	5.9	862,074	10.3	507,199	6.1	729,119	8.7	1,722,816	20.6	212,592	2.5	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,308,651	10.7	2,001,573	16.4	810,244	6.6	42,942	0.4	4,143,896	34.0	206,385	1.7	SUBTOTAL
												Junior Colleges:
88,326	9.4	173,780	18.6	24,025	2.6	8,042	0.9	342,808	36.6	25,093	2.7	SUBTOTAL
5,215,381	8.7	7,453,136	12.5	3,060,322	5.1	1,530,352	2.6	13,000,442	21.8	1020000	1.7	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	143,779	29,267	20.4	61,842	43.0	23,011	16.0	7,884	5.5
Anson CC	45,471	6,965	15.3	18,455	40.6	8,757	19.3	4,758	10.5
Ashev'le-Bun. TCC	301,196	68,383	22.7	119,868	39.8	42,941	14.3	8,709	2.9
Beaufort Co. CC	114,876	17,366	15.1	41,407	36.0	22,620	19.7	9,039	7.9
Bladen CC	82,098	9,282	11.3	30,920	37.7	10,031	12.2	5,240	6.4
Blue Ridge CC	180,916	35,178	19.4	82,952	45.9	16,226	9.0	11,696	6.5
Brunswick CC	115,628	16,832	14.6	25,106	21.7	14,266	12.3	6,958	6.0
Caldwell CC & TI	190,778	25,534	13.4	57,212	30.0	23,070	12.1	12,941	6.8
Cape Fear CC	148,057	26,477	17.9	60,601	40.9	31,151	21.0	13,067	8.8
Carteret CC	110,584	17,975	16.3	30,544	27.6	12,894	11.7	7,073	6.4
Catawba Vy. CC	227,594	42,404	18.6	96,591	42.4	33,653	14.8	15,013	6.6
C. Carolina CC	182,103	34,845	19.1	72,143	39.6	25,622	14.1	13,105	7.2
C. Piedmont CC	555,924	129,946	23.4	182,957	32.9	109,495	19.7	44,424	8.0
Cleveland CC	135,961	19,492	14.3	47,570	35.0	17,505	12.9	14,313	10.5
Coastal Car. CC	177,146	37,654	21.3	71,943	40.6	26,704	15.1	15,190	8.6
Col. Albemarle	128,830	21,242	16.5	38,001	29.5	19,981	15.5	16,365	12.7
Craven CC	107,962	28,311	26.2	38,801	35.9	15,831	14.7	14,397	13.3
Davidson Co. CC	191,517	43,790	22.9	54,038	28.2	34,633	18.1	17,220	9.0
Durham TCC	196,607	46,754	23.8	68,022	34.6	35,726	18.2	14,694	7.5
Edgecombe CC	116,998	21,675	18.5	37,261	31.8	18,404	15.7	10,247	8.8
Fayettev'le TCC	383,701	99,566	25.9	99,891	26.0	70,153	18.3	19,696	5.1
Forsyth TCC	360,838	76,815	21.3	131,897	36.6	68,225	18.9	22,040	6.1
Gaston Col.	232,721	40,811	17.5	100,403	43.1	33,510	14.4	11,060	4.8
Guilford TCC	458,054	100,904	22.0	162,545	35.5	76,442	16.7	31,112	6.8
Halifax CC	96,917	16,045	16.6	30,002	31.0	18,469	19.1	11,571	11.9
Haywood CC	211,048	18,004	8.5	90,001	42.6	24,850	11.8	8,534	4.0
Isothermal CC	169,036	25,115	14.9	60,830	36.0	19,758	11.7	11,793	7.0
J. Sprunt CC	88,165	20,462	23.2	25,575	29.0	20,233	22.9	4,368	5.0
Johnston CC	145,288	24,608	16.9	51,628	35.5	15,390	10.6	9,177	6.3
Lenoir CC	198,814	42,475	21.4	51,965	26.1	28,111	14.1	16,213	8.2
Martin CC	165,506	12,311	7.4	47,495	28.7	16,572	10.0	12,823	7.7
Mayland CC	65,972	14,792	22.4	14,218	21.6	12,919	19.6	8,976	13.6
McDowell TCC	72,349	10,956	15.1	31,755	43.9	11,512	15.9	4,962	6.9
Mitchell CC	178,536	34,812	19.5	46,380	26.0	26,315	14.7	14,661	8.2
Montgomery CC	53,107	6,236	11.7	26,168	49.3	8,520	16.0	2,909	5.5
Nash CC	98,846	25,498	25.8	38,191	38.6	16,317	16.5	4,756	4.8
Pamlico CC	28,597	4,225	14.8	10,688	37.4	4,775	16.7	4,224	14.8
Piedmont CC	98,915	13,360	13.5	32,716	33.1	16,685	16.9	7,465	7.5
Pitt CC	175,449	35,877	20.4	62,838	35.8	39,808	22.7	19,539	11.1
Randolph CC	157,155	30,932	19.7	62,036	39.5	26,584	16.9	10,543	6.7
Richmond CC	113,949	20,212	17.7	34,343	30.1	23,464	20.6	11,100	9.7
Roanoke-Cho. CC	99,899	11,497	11.5	43,598	43.6	12,516	12.5	9,492	9.5
Robeson CC	136,255	23,879	17.5	43,418	31.9	24,704	18.1	11,650	8.6
Rockingham CC	195,390	35,547	18.2	57,738	29.6	26,511	13.6	14,824	7.6
Rowan-Cab. CC	174,086	46,057	26.5	55,690	32.0	27,022	15.5	17,403	10.0
Sampson CC	87,516	19,646	22.4	21,623	24.7	18,728	21.4	11,242	12.8
Sandhills CC	200,250	37,580	18.8	51,750	25.8	35,043	17.5	19,753	9.9
Southeastern CC	125,413	26,802	21.4	30,746	24.5	22,147	17.7	13,472	10.7
Southwestern CC	145,949	23,063	15.8	45,080	30.9	24,887	17.1	11,160	7.6
Stanly CC	75,123	13,781	18.3	26,891	35.8	15,672	20.9	4,828	6.4
Surry CC	133,531	21,345	16.0	44,612	33.4	18,251	13.7	11,261	8.4
Tri-County CC	82,943	17,703	21.3	28,014	33.8	7,176	8.7	6,222	7.5
Vance-Granv. CC	139,393	23,758	17.0	48,772	35.0	21,662	15.5	9,275	6.7
Wake TCC	292,120	67,295	23.0	79,139	27.1	53,181	18.2	35,460	12.1
Wayne CC	185,985	33,323	17.9	64,299	34.6	32,597	17.5	19,546	10.5
W. Piedmont CC	132,258	26,629	20.1	39,499	29.9	27,889	21.1	15,033	11.4
Wilkes CC	204,590	30,078	14.7	55,581	27.2	27,114	13.3	10,904	5.3
Wilson TCC	118,915	18,711	15.7	50,893	42.8	19,855	16.7	9,516	8.0
TOTAL	9,536,604	1,830,082	19.2	3,235,142	33.9	1,536,088	16.1	740,896	7.8

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
6,886	4.8	8,462	5.9	5,723	4.0	-	-	627	0.4	77	0.1	Alamance CC
240	0.5	4,001	8.8	2,295	5.0	-	-	-	-	-	-	Anson CC
26,780	8.9	19,246	6.4	13,796	4.6	-	-	-	-	1,473	0.5	Ashev'le-Bun. TCC
1,113	1.0	13,281	11.6	9,700	8.4	-	-	-	-	350	0.3	Beaufort Co. CC
253	0.3	13,657	16.6	6,543	8.0	-	-	-	-	6,172	7.5	Bladen CC
6,039	3.3	15,008	8.3	7,562	4.2	-	-	-	-	6,255	3.5	Blue Ridge CC
1,378	1.2	34,390	29.7	5,091	4.4	112	0.1	-	-	11,495	9.9	Brunswick CC
16,880	8.8	37,863	19.8	17,208	9.0	-	-	-	-	70	<0.1	Caldwell CC & TI
2,204	1.5	10,795	7.3	3,505	2.4	-	-	257	0.2	-	-	Cape Fear CC
8,943	8.1	7,624	6.9	24,081	21.8	-	-	-	-	1,450	1.3	Carteret CC
11,415	5.0	15,960	7.0	9,834	4.3	-	-	-	-	2,724	1.2	Catawba Vy. CC
4,074	2.2	29,814	16.4	1,186	0.7	-	-	-	-	1,314	0.7	C. Carolina CC
33,520	6.0	36,511	6.6	13,840	2.5	-	-	-	-	5,231	0.9	C. Piedmont CC
11,377	8.4	16,734	12.3	8,738	6.4	-	-	-	-	232	0.2	Cleveland CC
4,032	2.3	15,560	8.8	6,063	3.4	-	-	-	-	-	-	Coastal Car. CC
726	0.6	28,335	22.0	4,180	3.2	-	-	-	-	-	-	Col. Albemarle
1,797	1.7	7,487	6.9	1,338	1.2	-	-	-	-	-	-	Craven CC
16,314	8.5	15,631	8.2	9,891	5.2	-	-	-	-	-	-	Davidson Co. CC
2,732	1.4	19,176	9.8	9,503	4.8	-	-	-	-	-	-	Durham TCC
1,346	1.2	14,003	12.0	8,267	7.1	-	-	-	-	5,795	5.0	Edgecombe CC
17,762	4.6	32,904	8.6	30,649	8.0	378	0.1	-	-	12,702	3.3	Fayettev'le TCC
16,011	4.4	37,854	10.5	7,029	1.9	-	-	-	-	967	0.3	Forsyth TCC
8,940	3.8	28,859	12.4	9,029	3.9	109	<0.1	-	-	-	-	Gaston Col.
10,057	2.2	45,474	9.9	19,233	4.2	84	<0.1	3,124	0.7	9,079	2.0	Guilford TCC
1,069	1.1	12,680	13.1	7,081	7.3	-	-	-	-	-	-	Halifax CC
27,392	13.0	32,720	15.5	8,505	4.0	-	-	233	0.1	809	0.4	Haywood CC
25,791	15.3	16,390	9.7	9,359	5.5	-	-	-	-	-	-	Isothermal CC
4,468	5.1	8,975	10.2	4,084	4.6	-	-	-	-	-	-	J. Sprunt CC
11,124	7.7	24,961	17.2	8,400	5.8	-	-	-	-	-	-	Johnston CC
26,748	13.5	23,674	11.9	9,628	4.8	-	-	-	-	-	-	Lenoir CC
4,740	2.9	54,563	33.0	5,066	3.1	-	-	-	-	11,936	7.2	Martin CC
6,698	10.2	5,493	8.3	2,876	4.4	-	-	-	-	-	-	Mayland CC
-	-	8,653	12.0	4,511	6.2	-	-	-	-	-	-	McDowell TCC
16,406	9.2	27,273	15.3	11,523	6.5	-	-	-	-	1,166	0.7	Mitchell CC
1,766	3.3	5,214	9.8	2,294	4.3	-	-	-	-	-	-	Montgomery CC
-	-	4,468	4.5	9,616	9.7	-	-	-	-	-	-	Nash CC
465	1.6	2,114	7.4	2,106	7.4	-	-	-	-	-	-	Pamlico CC
8,814	8.9	12,659	12.8	7,216	7.3	-	-	-	-	-	-	Piedmont CC
6,535	3.7	7,025	4.0	3,605	2.1	-	-	-	-	222	0.1	Pitt CC
4,769	3.0	14,162	9.0	8,129	5.2	-	-	-	-	-	-	Randolph CC
4,082	3.6	12,084	10.6	8,564	7.5	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	10,014	10.0	8,056	8.1	-	-	-	-	3,639	3.6	Roanoke-Cho. CC
1,747	1.3	24,555	18.0	6,302	4.6	-	-	-	-	-	-	Robeson CC
28,853	14.8	22,825	11.7	9,092	4.7	-	-	-	-	-	-	Rockingham CC
3,633	2.1	18,654	10.7	5,627	3.2	-	-	-	-	-	-	Rowan-Cab. CC
1,140	1.3	10,003	11.4	4,280	4.9	-	-	-	-	854	1.0	Sampson CC
12,264	6.1	30,231	15.1	8,081	4.0	-	-	5,548	2.8	-	-	Sandhills CC
11,475	9.1	11,772	9.4	8,359	6.7	-	-	-	-	640	0.5	Southeastern CC
2,931	2.0	31,308	21.5	7,520	5.2	-	-	-	-	-	-	Southwestern CC
1,296	1.7	10,359	13.8	2,296	3.1	-	-	-	-	-	-	Stanly CC
17,796	13.3	14,811	11.1	5,455	4.1	-	-	-	-	-	-	Surry CC
-	-	13,669	16.5	10,159	12.2	-	-	-	-	-	-	Tri-County CC
3,998	2.9	22,046	15.8	5,762	4.1	-	-	-	-	4,120	3.0	Vance-Granv. CC
11,852	4.1	23,030	7.9	18,126	6.2	328	0.1	-	-	3,709	1.3	Wake TCC
4,499	2.4	17,302	9.3	14,288	7.7	131	0.1	-	-	-	-	Wayne CC
5,100	3.9	11,654	8.8	6,400	4.8	54	<0.1	-	-	-	-	W. Piedmont CC
22,005	10.8	39,400	19.3	15,385	7.5	-	-	-	-	4,123	2.0	Wilkes CC
1,559	1.3	8,771	7.4	9,426	7.9	184	0.2	-	-	-	-	Wilson TCC
492,921	5.2	1,102,141	11.6	491,461	5.2	1,480	<0.1	9,789	0.1	96,604	1.0	TOTAL

TABLE 16:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student stations in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per stations than standard student desks, which require more space than theater seating. Although the space required per station can vary with less than ten assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

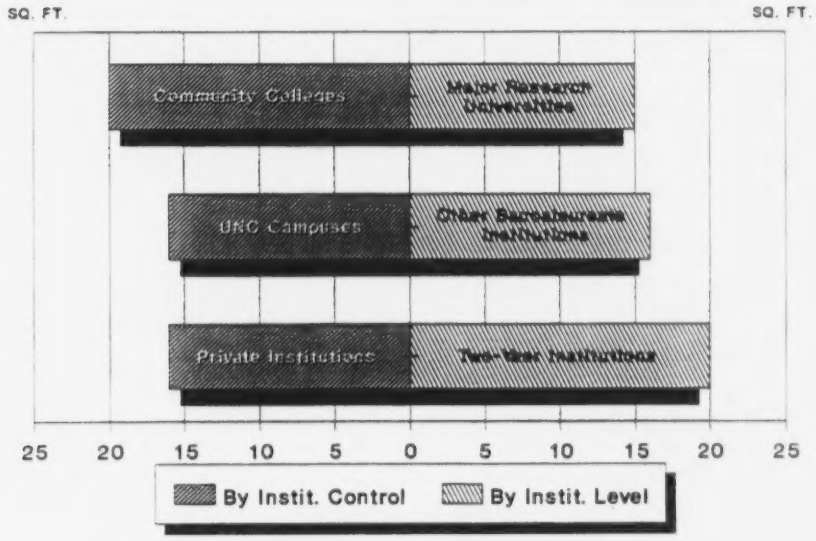
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

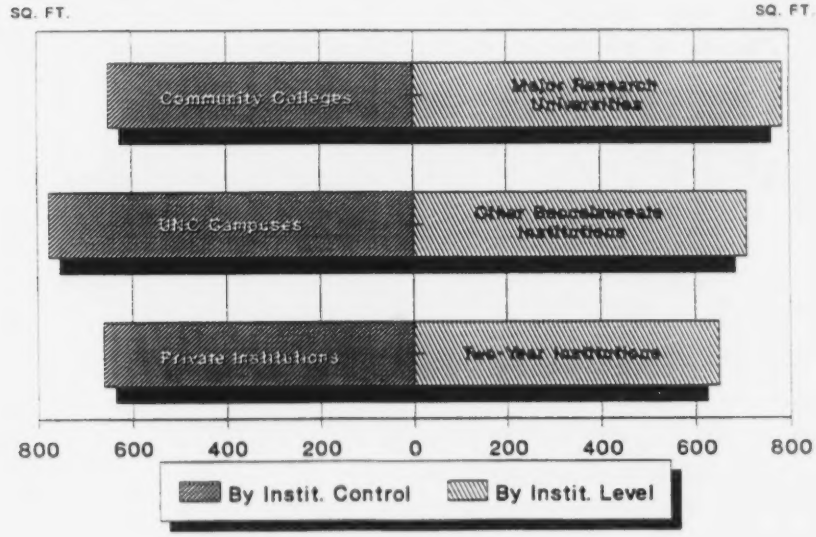
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Research Universities I:									
NC State	240	13,861	58	198,738	14	14	15	15	14
NC State Vet.	5	416	83	6,930	17	17	17	17	17
UNC-Chapel Hill	248	13,696	55	210,503	15	15	15	15	15
UNC-Health Aff.	73	3,751	51	51,607	14	14	14	14	14
SUBTOTAL	566	31,724	56	467,778	15	15	15	15	15
Doctoral Granting Universities I:									
UNC-Greensboro	130	7,033	54	116,996	17	17	17	17	17
Comprehensive I Universities:									
Appalachian	205	8,747	43	157,313	18	18	18	18	18
East Carolina	209	9,995	48	167,119	17	17	17	16	16
ECU-Health Aff.	36	1,565	43	26,720	17	17	18	17	17
Fayetteville	85	3,489	41	60,351	17	17	17	18	17
NC A & T	152	6,810	45	102,068	15	15	15	16	15
NC Central	141	6,289	45	98,826	16	16	16	16	16
Pembroke	68	2,837	42	46,636	16	16	17	17	16
UNC-Charlotte	111	6,390	58	88,238	14	14	13	14	13
UNC-Wilmington	81	4,082	50	62,555	15	15	15	15	15
West'n Carolina	121	5,217	43	96,341	18	18	19	18	19
SUBTOTAL	1,209	55,421	46	906,167	16	16	16	16	16
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	60	2,598	43	41,644	16	16	16	16	16
UNC-Asheville	59	2,402	41	43,918	18	18	18	18	18
Winston-Salem	71	3,388	48	57,011	17	17	17	16	17
SUBTOTAL	190	8,388	44	142,573	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Specialized Institution:									
NC Sch. of Arts	31	767	25	16,962	22	22	22	22	19
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,727	87,626	32	1,771,227	20	20	20	20	20
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	376	17,619	47	273,064	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,211	47,235	39	778,200	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	94	3,134	33	58,666	19	19	19	18	18
GRAND TOTAL	6,534	258,947	40	4,531,633	18	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Community Colleges:									
Alamance CC	41	1,614	39	28,543	18	18	18	17	17
Anson CC	12	295	25	6,874	23	23	23	23	24
Ashev'le-Bun. TCC	94	2,837	30	66,483	23	23	23	23	23
Beaufort Co. CC	31	756	24	16,097	21	21	21	20	20
Bladen CC	15	463	31	8,838	19	19	20	20	23
Blue Ridge CC	50	1,396	28	33,899	24	24	22	22	22
Brunswick CC	28	849	30	16,402	19	19	23	21	21
Caldwell CC & TI	40	1,234	31	24,664	20	20	20	20	20
Cape Fear CC	36	1,199	33	26,374	22	22	21	22	22
Carteret CC	35	990	28	17,535	18	18	18	19	18
Catawba Vy. CC	63	1,757	28	40,857	23	22	22	22	22
C. Carolina CC	54	1,609	30	34,533	21	21	21	22	22
C. Piedmont CC	211	7,387	35	126,915	17	17	17	17	17
Cleveland CC	32	1,013	32	18,362	18	18	18	18	18
Coastal Car. CC	59	1,771	30	37,225	21	21	21	20	20
Col. Albemarle	38	1,286	34	21,038	16	17	16	16	16
Craven CC	45	1,464	33	27,829	19	19	19	17	18
Davidson Co. CC	60	2,243	37	41,212	18	18	18	18	17
Durham TCC	72	2,246	31	45,490	20	20	19	19	20
Edgecombe CC	42	1,048	25	21,372	20	21	21	21	19
Fayettev'le TCC	129	4,580	36	96,345	21	22	21	20	18
Forsyth TCC	107	3,696	35	73,990	20	20	20	21	21
Gaston Col.	57	2,183	38	40,189	18	19	19	20	18
Guilford TCC	140	4,710	34	94,326	20	20	20	20	20
Halifax CC	24	809	34	15,776	20	20	20	20	20
Haywood CC	31	796	26	17,624	22	22	19	20	19
Isothermal CC	40	1,135	28	24,587	22	22	22	22	20
J. Sprunt CC	33	803	24	20,102	25	23	23	21	21
Johnston CC	37	1,348	36	22,073	16	16	16	18	18
Lenoir CC	63	1,806	29	40,614	22	21	22	19	20

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Community Colleges:									
Martin CC	20	574	29	11,563	20	20	20	21	21
Mayland CC	22	601	27	14,256	24	22	22	22	22
McDowell TCC	21	462	22	9,603	21	18	18	18	22
Mitchell CC	46	1,507	33	33,739	22	22	20	19	19
Montgomery CC	13	288	22	6,061	21	20	22	23	24
Nash CC	32	1,092	34	23,782	22	22	22	22	22
Pamlico CC	8	186	23	4,225	23	23	23	23	23
Piedmont CC	27	566	21	12,993	23	23	26	26	25
Pitt CC	49	1,662	34	33,817	20	20	18	19	19
Randolph CC	44	1,017	23	29,711	29	29	29	29	28
Richmond CC	37	1,000	27	19,940	20	20	19	19	20
Roanoke-Cho. CC	20	565	28	11,404	20	20	20	21	21
Robeson CC	33	1,063	32	22,868	22	22	22	20	21
Rockingham CC	43	1,609	37	33,262	21	21	21	20	21
Rowan-Cab. CC	69	2,456	36	44,846	18	18	18	18	18
Sampson CC	30	888	30	19,220	22	19	17	18	18
Sandhills CC	51	2,049	40	36,674	18	18	18	18	18
Southeastern CC	38	1,515	40	26,230	17	18	18	18	18
Southwestern CC	31	868	28	22,613	26	26	26	26	26
Stanly CC	23	786	34	13,501	17	17	17	18	18
Surry CC	30	948	32	20,760	22	22	22	22	23
Tri-County CC	24	765	32	17,357	23	23	23	23	22
Vance-Granv. CC	38	1,106	29	23,738	21	21	21	21	21
Wake TCC	97	3,363	35	66,786	20	20	20	20	20
Wayne CC	53	1,764	33	32,935	19	18	19	19	19
W. Piedmont CC	34	1,191	35	25,786	22	22	22	22	22
Wilkes CC	47	1,622	35	28,776	18	17	18	19	19
Wilson TCC	28	790	28	18,613	24	24	26	22	22
TOTAL	2,727	87,626	32	1,771,227	20	20	20	20	20

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

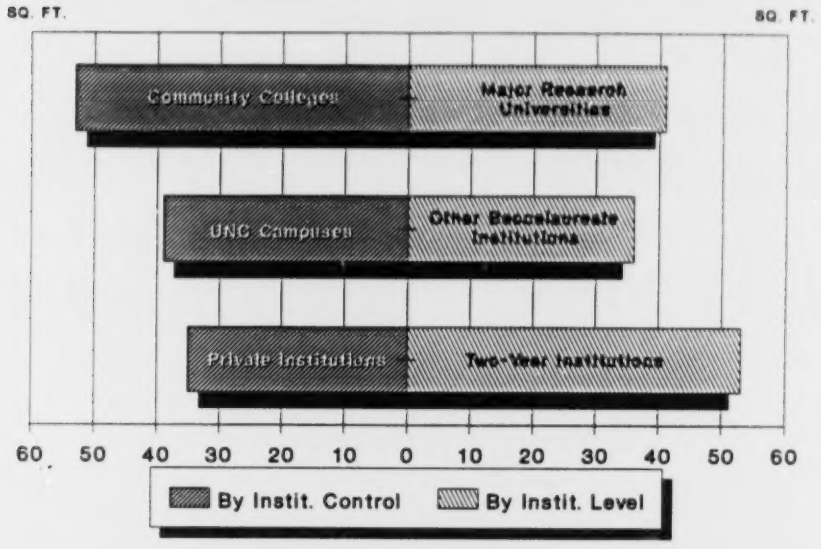
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Manual Two) provide ranges for various types of class laboratories. Data for selected labs are provided below:

Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE

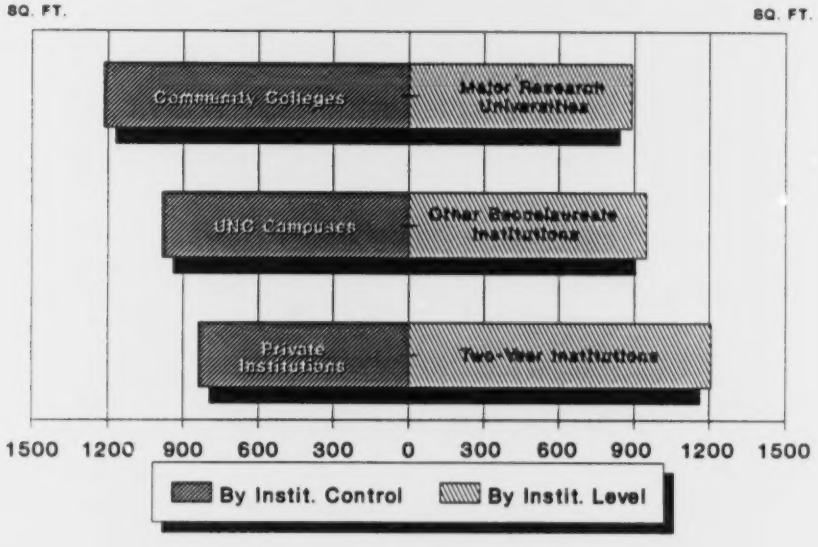


Table 17

Assignable Square Feet Per Student Station For Class Laboratories

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Research Universities I:									
NC State	233	5,407	23	246,947	46	46	45	46	54
NC State Vet.	10	259	26	15,047	58	58	58	61	61
UNC-Chapel Hill	84	2,543	30	87,208	34	34	34	35	33
UNC-Health Aff.	113	1,926	17	80,162	42	42	45	45	46
SUBTOTAL	440	10,135	23	429,364	42	43	42	43	47
Doctoral Granting Universities I:									
UNC-Greensboro	58	1,645	28	67,075	41	41	41	41	38
Comprehensive I Universities:									
Appalachian	91	2,332	26	91,996	39	39	39	39	39
East Carolina	138	3,509	25	137,203	39	39	41	39	41
ECU-Health Aff.	25	320	13	20,761	65	65	65	39	39
Fayetteville	36	1,214	34	35,798	29	28	28	28	27
NC A & T	78	2,256	29	73,533	33	32	32	31	32
NC Central	54	1,443	27	48,411	34	34	33	33	34
Pembroke	32	790	25	24,776	31	31	31	31	32
UNC-Charlotte	96	2,594	27	80,150	31	31	34	34	34
UNC-Wilmington	42	991	24	36,902	37	37	37	35	33
West'n Carolina	53	1,455	27	57,245	39	38	37	37	40
SUBTOTAL	645	16,904	26	606,775	36	36	37	36	36
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	38	1,116	29	40,431	36	37	38	38	38
UNC-Asheville	30	849	28	28,194	33	33	33	33	32
Winston-Salem	27	749	28	21,464	29	29	29	30	30
SUBTOTAL	95	2,714	29	90,089	33	33	34	34	34

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Specialized Institution:									
NC Sch. of Arts	46	1,057	23	70,507	67	67	71	72	71
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,154	49,372	23	2,617,772	53	53	52	53	53
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	194	3,472	18	134,005	39	38	39	39	40
Gen. Baccalaureate Colleges:									
SUBTOTAL	546	14,306	26	486,504	34	34	34	34	34
Junior Colleges:									
SUBTOTAL	52	1,218	23	43,990	36	36	36	38	38
GRAND TOTAL	4,230	100,823	24	4,546,081	45	45	45	45	46

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Community Colleges:									
Alamance CC	42	1,116	27	48,005	43	41	41	41	41
Anson CC	16	344	22	17,190	50	50	45	51	52
Ashev'le-Bun. TCC	56	1,277	23	90,083	71	75	71	71	76
Beaufort Co. CC	34	720	21	39,549	55	55	66	68	68
Bladen CC	20	454	23	26,547	58	58	63	65	60
Blue Ridge CC	34	751	22	72,252	96	96	65	65	73
Brunswick CC	14	311	22	18,102	58	61	64	64	64
Caldwell CC & TI	41	730	18	51,421	70	70	74	77	74
Cape Fear CC	41	875	21	49,851	57	57	58	59	61
Carteret CC	27	584	22	24,458	42	42	43	49	47
Catawba Vy. CC	59	1,294	22	76,199	59	61	59	60	61
C. Carolina CC	56	1,210	22	57,281	47	48	49	50	53
C. Piedmont CC	115	2,808	24	154,696	55	49	49	52	48
Cleveland CC	47	1,033	22	42,244	41	42	40	42	42
Coastal Car. CC	44	1,048	24	57,798	55	55	58	58	59
Col. Albemarle	30	687	23	34,221	50	47	46	46	46
Craven CC	28	745	27	27,110	36	36	35	34	36
Davidson Co. CC	36	909	25	41,979	46	48	48	49	48
Durham TCC	45	1,046	23	56,012	54	52	53	53	53
Edgecombe CC	35	637	18	35,593	56	56	46	46	44
Fayettev'le TCC	67	1,597	24	73,777	46	47	47	43	43
Forsyth TCC	69	1,659	24	102,445	62	60	63	66	69
Gaston Col.	42	1,116	27	57,848	52	54	51	51	52
Guilford TCC	104	2,325	22	136,886	59	59	59	60	58
Halifax CC	20	575	29	24,572	43	43	46	46	50
Haywood CC	55	1,087	20	60,827	56	56	57	57	58
Isothermal CC	37	882	24	43,573	49	50	51	53	49
J. Sprunt CC	21	462	22	22,396	48	56	56	59	59
Johnston CC	38	1,042	27	42,761	41	41	41	44	48
Lenoir CC	34	735	22	37,985	52	46	48	38	38

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1994	1993	1992	1991	1990
Community Colleges:									
Martin CC	29	774	27	44,164	57	57	59	62	62
Mayland CC	9	215	24	12,041	56	56	56	66	56
McDowell TCC	23	573	25	28,340	49	48	48	50	51
Mitchell CC	35	813	23	40,679	50	50	46	51	51
Montgomery CC	23	429	19	23,029	54	60	60	60	60
Nash CC	25	447	18	31,352	70	70	68	68	68
Pamlico CC	7	110	16	9,376	85	85	82	82	82
Piedmont CC	22	471	21	26,052	55	55	55	46	47
Pitt CC	53	955	18	51,757	54	55	52	55	60
Randolph CC	41	840	20	54,030	64	65	65	65	69
Richmond CC	22	425	19	29,173	69	69	68	71	68
Roanoke-Cho. CC	15	348	23	17,444	50	50	50	48	48
Robeson CC	34	1,022	30	39,211	38	38	39	40	40
Rockingham CC	40	928	23	52,237	56	55	59	57	57
Rowan-Cab. CC	37	914	25	47,343	52	52	51	49	47
Sampson CC	12	286	24	18,762	66	56	45	45	46
Sandhills CC	39	1,006	26	44,008	44	44	46	46	46
Southeastern CC	33	774	23	26,491	34	36	37	44	48
Southwestern CC	34	658	19	35,608	54	51	51	51	49
Stanly CC	24	796	33	25,819	32	32	33	40	40
Surry CC	32	768	24	37,175	48	48	48	48	49
Tri-County CC	20	361	18	23,683	66	66	66	66	79
Vance-Granv. CC	38	973	26	43,341	45	45	46	46	46
Wake TCC	58	1,106	19	63,069	57	57	60	63	63
Wayne CC	42	1,018	24	52,089	51	52	52	48	47
W. Piedmont CC	26	606	23	30,041	50	50	50	51	50
Wilkes CC	42	1,000	24	46,521	47	47	51	51	51
Wilson TCC	32	697	22	41,276	59	60	57	59	61
TOTAL	2,154	49,372	23	2,617,772	53	53	52	53	53

Haywood L. Wilson, Jr. Residence Hall, Winston-Salem State University

Winston-Salem State's new 400-student residence hall was completed in 1993 at a cost of $6.3 million with initial occupancy in early 1994. The new facility, which contains 92 suites and eight apartments rather than traditional dormitory rooms, replaces two older residence halls with 97,000 square feet of much needed modern residential space.

The suite/apartment concept is in keeping with a recent trend among colleges and universities across the country. In addition to providing amenities not currently provided in many existing dormitories, such as modern TV/computer cabling, conference rooms, study rooms, and a card-entry security system, WSSU's new residence hall also enables the institution to keep students and boarding revenue on the campus.

Building Characteristics

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TABLE 18
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.

3 Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a noneducational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Research Universities I:											
NC State	5,652,417	72.2	2,174,049	27.8	-	-	6,682	0.1	-	-	7,833,148
NC State Vet.	390,505	100.0	-	-	-	-	-	-	-	-	390,505
UNC-Chapel Hill	7,114,488	97.6	-	-	-	-	41,957	0.6	130,616	1.8	7,288,312
UNC-Health Aff.	2,777,409	80.7	522,938	15.2	-	-	140,554	4.1	-	-	3,440,901
SUBTOTAL	15,934,819	84.1	2,696,987	14.2	-	-	189,193	1.0	130,616	0.7	18,952,866
Doctoral Granting Universities I:											
UNC-Greensboro	3,299,647	99.4	-	-	-	-	20,450	0.6	-	-	3,320,097
Comprehensive I Universities:											
Appalachian	1,727,289	59.5	1,161,707	40.0	-	-	16,010	0.6	-	-	2,905,006
East Carolina	2,292,368	72.5	790,469	25.0	-	-	54,371	1.7	24,000	0.8	3,161,208
ECU-Health Aff.	722,912	91.2	-	-	-	-	37,624	4.7	32,368	4.1	792,904
Fayetteville	830,808	90.9	83,610	9.1	-	-	-	-	-	-	914,418
NC A & T	2,220,357	100.0	-	-	-	-	-	-	-	-	2,220,357
NC Central	1,558,131	99.8	-	-	-	-	-	-	3,122	0.2	1,561,253
Pembroke	703,303	100.0	-	-	-	-	-	-	-	-	703,303
UNC-Charlotte	1,936,372	64.4	1,068,712	35.6	-	-	-	-	-	-	3,005,084
UNC-Wilmington	1,053,034	70.7	435,537	29.2	-	-	-	-	960	0.1	1,489,531
West'n Carolina	1,611,553	68.3	746,441	31.7	-	-	-	-	-	-	2,357,994
SUBTOTAL	14,656,127	76.7	4,286,476	22.4	-	-	108,005	0.6	60,450	0.3	19,111,058
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	707,041	83.9	135,876	16.1	-	-	-	-	-	-	842,917
UNC-Asheville	604,480	75.9	191,937	24.1	-	-	-	-	-	-	796,417
Winston-Salem	889,452	87.5	127,536	12.5	-	-	-	-	-	-	1,016,988
SUBTOTAL	2,200,973	82.9	455,349	17.1	-	-	-	-	-	-	2,656,322
Specialized Institution:											
NC Sch. of Arts	495,337	81.3	102,782	16.9	-	-	-	-	11,053	1.8	609,172
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,178,475	91.4	-	-	-	-	103,962	8.1	-	-	1,289,158
Community Colleges:											
SUBTOTAL	13,213,907	95.2	-	-	19,142	0.1	288,485	2.1	317,419	2.3	13,874,693
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	15,164,265	93.0	136,029	0.9	-	-	19,994	0.1	-	-	15,320,288
Gen. Baccalaureate Colleges:											
SUBTOTAL	15,274,329	88.6	1,670,162	9.7	123,093	0.7	78,986	0.5	85,507	0.5	17,232,077
Junior Colleges:											
SUBTOTAL	980,175	73.8	300,393	22.6	48,038	3.6	-	-	-	-	1,328,606
GRAND TOTAL	82,398,054	87.9	9,648,178	10.3	190,273	0.2	809,075	0.9	605,045	0.6	93,694,337

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Community Colleges:											
Alamance CC	200,945	97.1	-	-	-	-	5,959	2.9	-	-	206,904
Anson CC	42,146	67.7	-	-	-	-	-	-	20,140	32.3	62,286
Ashev'le-Bun. TCC	432,439	96.0	-	-	-	-	-	-	18,000	4.0	450,439
Beaufort Co. CC	154,373	100.0	-	-	-	-	-	-	-	-	154,373
Bladen CC	107,170	100.0	-	-	-	-	-	-	-	-	107,170
Blue Ridge CC	228,360	98.6	-	-	-	-	3,200	1.4	-	-	231,560
Brunswick CC	167,687	100.0	-	-	-	-	-	-	-	-	167,687
Caldwell CC & TI	255,794	100.0	-	-	-	-	-	-	-	-	255,794
Cape Fear CC	183,549	82.7	-	-	-	-	-	-	38,363	17.3	221,912
Carteret CC	134,874	93.0	-	-	-	-	-	-	10,143	7.0	145,017
Catawba Vy. CC	303,292	98.5	-	-	-	-	-	-	4,600	1.5	307,892
C. Carolina CC	214,464	85.7	-	-	-	-	-	-	35,871	14.3	250,335
C. Piedmont CC	1,337,747	94.9	-	-	10,043	0.7	61,582	4.4	-	-	1,409,372
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	244,952	100.0	-	-	-	-	-	-	-	-	244,952
Col. Albemarle	161,780	82.0	-	-	-	-	2,100	1.1	33,480	17.0	197,360
Craven CC	144,415	93.3	-	-	-	-	10,443	6.7	-	-	154,858
Davidson Co. CC	282,491	100.0	-	-	-	-	-	-	-	-	282,491
Durham TCC	261,197	93.3	-	-	-	-	18,680	6.7	-	-	279,877
Edgecombe CC	169,294	100.0	-	-	-	-	-	-	-	-	169,294
Fayettev'le TCC	495,879	92.4	-	-	-	-	-	-	40,651	7.6	536,530
Forsyth TCC	477,123	93.0	-	-	-	-	-	-	-	-	512,863
Gaston Col.	321,254	98.5	-	-	-	-	4,914	1.5	-	-	326,168
Guilford TCC	576,150	90.3	-	-	-	-	62,108	9.7	-	-	638,258
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	132,607
Haywood CC	277,130	100.0	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	114,129	96.4	-	-	-	-	-	-	4,240	3.6	118,369
Johnston CC	188,273	96.4	-	-	-	-	-	-	7,128	3.6	195,401
Lenoir CC	226,397	87.2	-	-	-	-	-	-	33,282	12.8	259,679
Martin CC	216,385	99.7	-	-	720	0.3	-	-	-	-	217,105
Mayland CC	79,450	88.3	-	-	-	-	-	-	10,520	11.7	89,970
McDowell TCC	92,006	96.0	-	-	-	-	3,875	4.0	-	-	95,881
Mitchell CC	246,514	100.0	-	-	-	-	-	-	-	-	246,514
Montgomery CC	72,452	96.8	-	-	-	-	-	-	2,360	3.2	74,812
Nash CC	143,084	100.0	-	-	-	-	-	-	-	-	143,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	117,486
Pitt CC	247,660	100.0	-	-	-	-	-	-	-	-	247,660
Randolph CC	202,892	98.4	-	-	-	-	3,268	1.6	-	-	206,160
Richmond CC	156,639	98.6	-	-	-	-	-	-	2,225	1.4	158,864
Roanoke-Cho. CC	127,542	93.8	-	-	8,379	6.2	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	183,243
Rockingham CC	272,105	100.0	-	-	-	-	-	-	-	-	272,105
Rowan-Cab. CC	222,410	94.1	-	-	-	-	4,213	1.8	9,625	4.1	236,248
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	117,646
Sandhills CC	274,665	99.5	-	-	-	-	-	-	1,280	0.5	275,945
Southeastern CC	165,509	98.2	-	-	-	-	3,040	1.8	-	-	168,549
Southwestern CC	195,442	99.1	-	-	-	-	1,761	0.9	-	-	197,203
Stanly CC	82,484	82.2	-	-	-	-	14,131	14.1	3,696	3.7	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	182,076
Tri-County CC	103,973	100.0	-	-	-	-	-	-	-	-	103,973
Vance-Granv. CC	172,156	81.7	-	-	-	-	38,482	18.3	-	-	210,638
Wake TCC	371,960	87.2	-	-	-	-	22,260	5.2	32,150	7.5	426,370
Wayne CC	263,961	93.3	-	-	-	-	19,085	6.7	-	-	283,046
W. Piedmont CC	197,543	100.0	-	-	-	-	-	-	-	-	197,543
Wilkes CC	252,384	93.0	-	-	-	-	9,384	3.5	9,665	3.6	271,433
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	165,740
TOTAL	13,213,907	95.2	-	-	19,142	0.1	288,485	2.1	317,419	2.3	13,874,693

Category 6: None
Category 7: Forsyth Technical CC 35,740 7.0% UNC Hosp. at C.H. 6,721 0.5%
Category 8: UNC at Chapel Hill 1,251 <0.1%

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

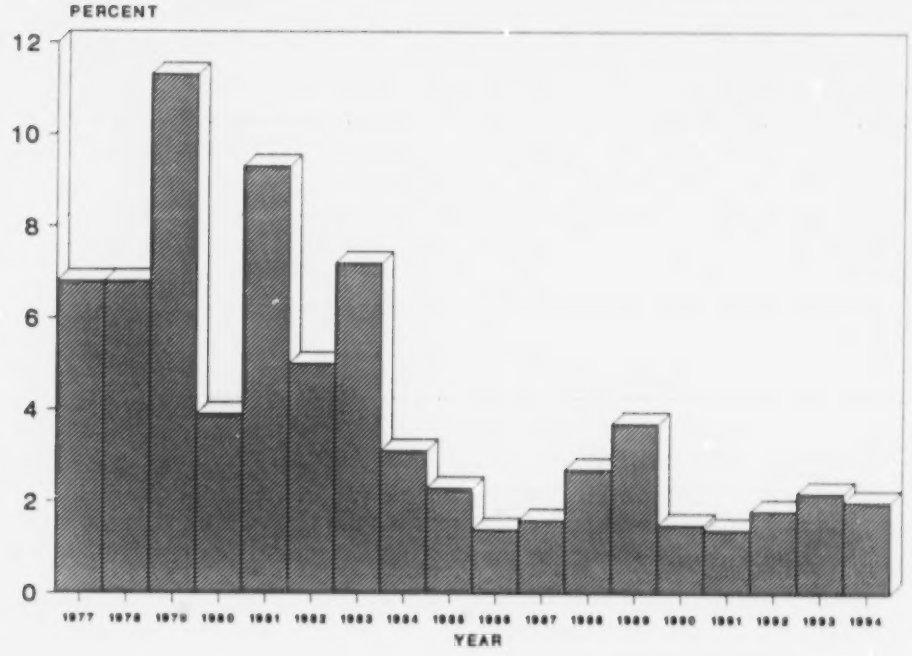
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1977. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1977	6.8%	1983	7.2%	1989	3.7%
1978	6.8%	1984	3.1%	1990	1.5%
1979	11.3%	1985	2.3%	1991	1.4%
1980	3.9%	1986	1.4%	1992	1.8%
1981	9.3%	1987	1.6%	1993	2.2%
1982	5.0%	1988	2.7%	1994	2.0%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	124	$ 201,785,492	$ 482,764,289	6,249,944
NC State Vet.	26	24,314,247	35,797,170	390,505
UNC-Chapel Hill	171	201,657,594	691,354,566	5,405,392
UNC-Health Aff.	90	143,096,470	424,667,990	3,440,901
SUBTOTAL	411	570,853,803	1,634,584,015	15,486,742
Doctoral Granting Universities I:				
UNC-Greensboro	55	71,700,980	166,637,288	2,361,825
Comprehensive I Universities:				
Appalachian	51	71,664,760	165,729,084	1,965,159
East Carolina	85	65,626,635	162,878,003	2,130,012
ECU-Health Aff.	36	44,574,661	69,942,624	792,904
Fayetteville	39	28,694,571	55,780,550	664,964
NC A & T	87	62,107,063	138,495,676	1,679,672
NC Central	45	34,553,075	87,213,474	1,098,477
Pembroke	28	19,366,922	43,453,579	535,754
UNC-Charlotte	40	79,037,700	160,882,535	2,054,251
UNC-Wilmington	57	46,719,653	89,845,004	1,073,879
West'n Carolina	63	54,512,398	131,338,792	1,617,098
SUBTOTAL	531	506,857,438	1,105,559,321	13,612,170
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	35	22,939,887	49,182,671	559,995
UNC-Asheville	18	29,154,034	46,979,714	568,099
Winston-Salem	21	25,522,322	54,097,689	704,961
SUBTOTAL	74	77,616,243	150,260,074	1,833,055

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	14	$ 15,958,304	$ 45,598,175	469,548
Teaching Hospitals:				
UNC Hosp. at C.H.	30	66,637,183	158,014,293	1,289,158
Community Colleges:				
SUBTOTAL	853	494,544,891	988,592,843	13,864,398
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	294	696,019,388	1,778,203,006	12,780,323
Gen. Baccalaureate Colleges:				
SUBTOTAL	745	293,223,958	843,656,284	10,910,750
Junior Colleges:				
SUBTOTAL	61	18,792,177	62,678,075	810,018
GRAND TOTAL	3,068	$2,812,204,365	$6,933,783,374	73,417,987

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	9	$ 9,333,403	$ 19,203,152	206,232
Anson CC	7	1,886,292	4,410,470	62,286
Ashev'le-Bun. TCC	19	17,226,333	33,130,310	450,439
Beaufort Co. CC	9	5,534,383	10,008,166	154,373
Bladen CC	18	2,834,818	7,004,661	107,170
Blue Ridge CC	13	11,281,049	16,836,313	231,560
Brunswick CC	10	10,178,790	13,096,066	167,687
Caldwell CC & TI	10	12,686,984	22,105,467	255,794
Cape Fear CC	7	4,951,014	18,210,641	221,912
Carteret CC	15	4,080,741	11,792,772	145,017
Catawba Vy. CC	17	9,304,058	22,929,804	307,892
C. Carolina CC	16	9,650,066	20,561,202	250,335
C. Piedmont CC	39	29,440,492	71,414,150	1,409,372
Cleveland CC	11	9,021,301	14,595,769	192,334
Coastal Car. CC	13	12,297,578	20,689,140	244,952
Col. Albemarle	11	8,020,940	16,211,844	197,360
Craven CC	12	6,757,343	11,852,398	154,858
Davidson Co. CC	15	11,093,415	20,620,317	282,491
Durham TCC	13	11,419,308	20,191,549	279,877
Edgecombe CC	10	5,648,700	11,654,927	169,294
Fayettev'le TCC	28	16,120,005	34,449,896	536,530
Forsyth TCC	17	16,469,583	37,163,039	512,863
Gaston Col.	26	11,196,618	24,680,972	326,168
Guilford TCC	26	21,030,830	49,234,044	633,980
Halifax CC	8	4,683,903	7,375,232	132,607
Haywood CC	31	11,333,160	18,204,369	277,130
Isothermal CC	15	8,478,885	15,460,784	220,057
J. Sprunt CC	13	3,121,461	7,790,550	118,369
Johnston CC	9	9,706,400	14,546,315	195,401
Lenoir CC	17	7,049,699	17,961,048	259,679

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	12	4,550,955	10,216,573	217,105
Mayland CC	9	4,109,136	7,372,735	89,970
McDowell TCC	8	3,976,052	8,037,209	95,881
Mitchell CC	19	3,829,528	16,047,955	246,514
Montgomery CC	8	2,520,126	4,502,162	74,812
Nash CC	7	5,409,360	8,699,772	143,084
Pamlico CC	4	1,528,200	3,880,951	40,198
Piedmont CC	11	5,610,180	9,595,669	117,486
Pitt CC	29	12,420,676	19,683,418	247,660
Randolph CC	20	7,705,236	14,477,345	206,160
Richmond CC	10	4,984,574	11,826,687	158,864
Roanoke-Cho. CC	8	5,165,869	9,802,825	135,921
Robeson CC	15	8,954,000	14,113,950	183,243
Rockingham CC	13	9,089,839	19,834,776	272,105
Rowan-Cab. CC	13	7,501,016	17,660,989	236,248
Sampson CC	9	4,797,302	7,801,739	117,646
Sandhills CC	27	10,005,467	19,503,317	270,600
Southeastern CC	15	4,165,592	11,424,253	168,549
Southwestern CC	10	9,289,721	14,268,316	197,203
Stanly CC	10	3,346,302	7,247,955	100,311
Surry CC	11	5,436,344	12,582,780	182,076
Tri-County CC	15	3,925,673	7,682,576	103,973
Vance-Granv. CC	13	8,174,433	17,627,394	210,638
Wake TCC	21	16,031,207	29,977,059	426,370
Wayne CC	20	19,809,601	24,171,201	283,046
W. Piedmont CC	15	8,130,986	16,135,419	197,543
Wilkes CC	25	7,651,408	18,177,438	271,433
Wilson TCC	12	4,588,556	12,855,013	165,740
TOTAL	853	$494,544,891	$988,592,843	13,864,398

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	50	$ 25,309,655	$ 116,092,976	1,583,204
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,151,970	191,946,929	1,882,920
UNC-Health Aff.	-	-	-	-
SUBTOTAL	90	51,461,625	308,039,905	3,466,124
Doctoral Granting Universities I:				
UNC-Greensboro	24	19,402,800	67,294,210	958,272
Comprehensive I Universities:				
Appalachian	27	18,746,333	68,659,087	939,847
East Carolina	17	14,086,040	74,777,261	1,031,196
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	17,844,002	249,454
NC A & T	20	5,986,586	38,962,837	540,685
NC Central	13	5,711,000	33,381,360	462,776
Pembroke	7	2,633,000	12,189,343	167,549
UNC-Charlotte	12	33,239,823	66,080,920	950,833
UNC-Wilmington	28	18,003,882	31,519,200	415,652
West'n Carolina	21	11,409,250	50,662,637	740,896
SUBTOTAL	154	113,453,914	394,076,647	5,498,888
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	25	8,110,419	20,928,372	282,922
UNC-Asheville	13	12,435,943	17,695,032	228,318
Winston-Salem	9	9,904,375	21,725,473	312,027
SUBTOTAL	47	30,450,737	60,348,877	823,267

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 3,508,000	$ 9,823,337	139,624
Teaching Hospitals:				
UNC Hosp. at C.H.	-	-	-	-
Community Colleges:				
SUBTOTAL	3	138,000	849,058	10,295
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	145	64,177,079	433,025,897	2,539,965
Gen. Baccalaureate Colleges:				
SUBTOTAL	619	121,782,907	451,920,236	6,321,327
Junior Colleges:				
SUBTOTAL	42	8,455,944	40,189,944	518,588
GRAND TOTAL	1,139	$412,831,006	$1,765,568,111	20,276,350

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 10,164	672
Anson CC	-	-	-	-
Asheville-Buncombe TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayetteville TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	326,081	4,278
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

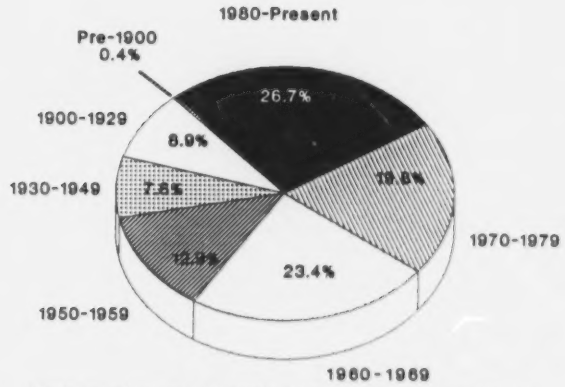
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	512,813	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	3	$ 138,000	$ 849,058	10,295

TABLE 21:
AGE OF BUILDINGS

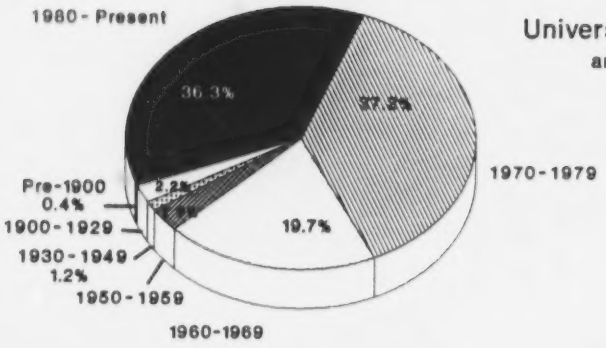
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

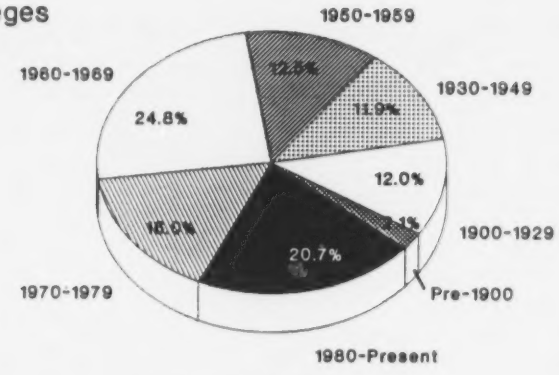
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Research Universities I:								
NC State	7,833,148	44,407	896,270	1,016,569	1,476,361	1,650,931	1,168,730	1,579,880
NC State Vet.	390,505	-	-	28,559	3,979	3,746	-	354,221
UNC-Chapel Hill	7,288,312	123,808	1,557,061	819,877	541,230	1,892,640	548,239	1,805,457
UNC-Health Aff.	3,440,901	-	-	139,364	278,218	565,364	1,467,323	990,632
SUBTOTAL	18,952,866	168,215	2,453,331	2,004,369	2,299,788	4,112,681	3,184,292	4,730,190
Doctoral Granting Universities I:								
UNC-Greensboro	3,320,097	31,100	625,884	232,878	419,257	488,440	681,169	841,369
Comprehensive I Universities:								
Appalachian	2,905,006	-	85,726	177,163	380,942	1,102,013	670,202	488,960
East Carolina	3,161,208	-	326,082	178,650	529,332	1,235,074	586,309	305,761
ECU-Health Aff.	792,904	-	-	-	25,975	41,378	105,656	619,895
Fayetteville	914,418	-	26,913	130,703	70,410	218,938	193,214	274,240
NC A & T	2,220,357	-	99,089	155,758	795,338	335,089	301,161	533,922
NC Central	1,561,253	-	36,379	225,213	469,874	332,330	174,475	322,982
Pembroke	703,303	-	-	15,556	29,220	269,807	318,893	69,827
UNC-Charlotte	3,005,084	-	-	-	-	569,503	1,026,471	1,409,110
UNC-Wilmington	1,489,531	-	9,000	12,250	-	234,802	498,674	734,805
West'n Carolina	2,357,994	363	56,107	183,254	332,560	706,902	582,013	496,795
SUBTOTAL	19,111,058	363	639,296	1,078,547	2,633,651	5,045,836	4,457,068	5,256,297
Comp. II and Lib. Arts I Univ.:								
Elizabeth City	842,917	-	91,377	57,955	107,940	157,192	148,883	279,570
UNC-Asheville	796,417	-	6,029	-	-	306,016	95,850	388,522
Winston-Salem	1,016,988	-	97,672	80,460	59,750	224,807	277,422	276,877
SUBTOTAL	2,656,322	-	195,078	138,415	167,690	688,015	522,155	944,969
Specialized Institution:								
NC Sch. of Arts	609,172	-	170,063	95,302	26,382	149,021	113,629	54,775
Teaching Hospitals:								
UNC Hosp. at C.H.	1,289,158	-	-	55,005	389,251	244,238	158,969	441,695
Community Colleges:								
SUBTOTAL	13,874,693	52,368	309,718	161,412	406,804	2,728,025	5,177,956	5,038,410
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	15,320,288	35,728	1,409,092	2,208,506	1,950,573	2,100,173	3,244,525	4,371,691
Gen. Baccalaureate Colleges:								
SUBTOTAL	17,232,077	516,308	2,486,217	1,783,976	2,114,603	5,812,386	1,994,712	2,523,875
Junior Colleges:								
SUBTOTAL	1,328,606	154,059	159,200	52,561	180,721	488,474	174,095	119,496
GRAND TOTAL	93,694,337	958,141	8,447,879	7,810,971	10,588,720	21,857,289	19,708,570	24,322,767

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	206,904	-	25,729	-	600	-	116,156	64,419
Anson CC	62,286	8,689	-	7,411	-	-	24,912	21,274
Ashev'le-Bun. TCC	450,439	9,981	-	10,411	25,542	111,368	77,917	215,220
Beaufort Co. CC	154,373	-	-	-	-	-	101,257	53,116
Bladen CC	107,170	-	-	-	7,170	-	69,822	30,178
Blue Ridge CC	231,560	-	-	-	-	-	89,965	141,595
Brunswick CC	167,687	-	-	10,326	-	22,989	-	134,372
Caldwell CC & TI	255,794	-	-	-	-	60,471	89,869	105,454
Cape Fear CC	221,912	-	-	-	-	45,540	152,849	23,523
Carteret CC	145,017	-	-	18,000	16,844	29,136	52,377	28,660
Catawba Vy. CC	307,892	-	-	1,650	4,600	74,471	153,864	73,307
C. Carolina CC	250,335	-	-	-	-	67,102	32,400	150,833
C. Piedmont CC	1,409,372	-	106,968	46,888	83,921	216,005	614,786	340,804
Cleveland CC	192,334	-	-	-	-	1,875	45,314	145,145
Coastal Car. CC	244,952	-	-	-	-	-	169,867	75,085
Col. Albemarle	197,360	-	-	5,268	-	15,000	52,969	124,123
Craven CC	154,858	-	-	-	-	-	73,770	81,088
Davidson Co. CC	282,491	-	-	-	5,760	85,340	99,766	91,625
Durham TCC	279,877	-	-	-	-	91,725	50,082	138,070
Edgecombe CC	169,294	-	37,209	-	-	-	62,385	69,700
Fayettev'le TCC	536,530	-	-	-	40,651	166,963	134,011	194,905
Forsyth TCC	512,863	-	-	-	78,490	162,953	63,131	208,289
Gaston Col.	326,168	-	-	-	-	153,100	107,325	65,743
Guilford TCC	638,258	1,931	44,081	10,850	74,322	123,010	228,443	155,621
Halifax CC	132,607	-	-	-	-	-	79,607	53,000
Haywood CC	277,130	-	-	-	-	25,972	142,764	108,394
Isothermal CC	220,057	-	-	-	-	57,962	119,876	42,219
J. Sprunt CC	118,369	-	-	3,040	-	24,245	76,630	14,454
Johnston CC	195,401	-	-	-	-	-	86,523	108,878
Lenoir CC	259,679	-	-	-	34,880	41,534	153,265	30,000
Martin CC	217,105	-	-	-	-	-	131,825	85,280
Mayland CC	89,970	-	-	-	-	-	36,571	53,399
McDowell TCC	95,881	-	-	-	3,875	30,104	35,658	26,244
Mitchell CC	246,514	31,767	86,106	20,234	-	32,819	75,588	-
Montgomery CC	74,812	-	-	-	-	2,360	64,090	8,362
Nash CC	143,084	-	-	-	-	-	72,759	70,325
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	117,486	-	-	-	-	-	88,429	29,057
Pitt CC	247,660	-	-	-	-	78,185	42,146	127,329
Randolph CC	206,160	-	-	-	-	44,567	76,333	85,260
Richmond CC	158,864	-	-	9,000	2,225	56,560	34,785	56,294
Roanoke-Cho. CC	135,921	-	-	-	-	8,379	51,624	75,918
Robeson CC	183,243	-	-	-	-	-	74,419	108,824
Rockingham CC	272,105	-	-	-	-	148,238	63,909	59,958
Rowan-Cab. CC	236,248	-	9,625	-	-	87,138	96,525	42,960
Sampson CC	117,646	-	-	-	-	2,381	51,865	63,400
Sandhills CC	275,945	-	-	-	-	128,165	64,907	82,873
Southeastern CC	168,549	-	-	-	-	80,363	66,014	22,172
Southwestern CC	197,203	-	-	-	-	-	75,826	121,377
Stanly CC	100,311	-	-	-	-	14,131	44,245	41,935
Surry CC	182,076	-	-	-	-	66,452	100,254	15,370
Tri-County CC	103,973	-	-	18,334	-	9,720	17,520	58,399
Vance-Granv. CC	210,638	-	-	-	-	3,069	143,832	63,737
Wake TCC	426,370	-	-	-	-	95,886	103,471	227,013
Wayne CC	283,046	-	-	-	540	21,229	36,511	224,766
W. Piedmont CC	197,543	-	-	-	-	72,716	54,469	70,358
Wilkes CC	271,433	-	-	-	-	107,382	80,941	83,110
Wilson TCC	165,740	-	-	-	27,384	61,420	31,340	45,596
TOTAL	13,874,693	52,368	309,718	161,412	406,804	2,728,025	5,177,956	5,038,410

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

1 - Satisfactory

Suitable for continued use with normal maintenance.

2 - Remodeling A

Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

3 - Remodeling B

Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

4 - Remodeling C

Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

5 - Demolition

Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. This category takes precedence over categories 1-4. If a building is scheduled for demolition, its condition code is recorded as "5-Demolition," regardless of its condition.

6 - Termination

Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacating of leased space. This category takes precedence over categories 1-4. If a building is scheduled for termination, its condition code is recorded as "6-Termination," regardless of its condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Research Universities I:													
NC State	2,646,024	33.8	2,055,975	26.2	2,543,287	32.5	539,842	6.9	48,020	0.6	-	-	7,833,148
NC State Vet.	39,044	10.0	309,390	79.2	40,271	10.3	1,800	0.5	-	-	-	-	390,505
UNC-Chapel Hill	3,903,775	53.6	2,256,666	31.0	733,656	10.1	269,766	3.7	121,058	1.7	3,391	<0.1	7,288,312
UNC-Health Aff.	2,562,009	74.5	491,430	14.3	265,515	7.7	6,691	0.2	10,835	0.3	104,421	3.0	3,440,901
SUBTOTAL	9,150,852	48.3	5,113,461	27.0	3,582,729	18.9	818,099	4.3	179,913	0.9	107,812	0.6	18,952,866
Doctoral Granting Universities I:													
UNC-Greensboro	1,020,422	30.7	1,048,125	31.6	552,438	16.6	676,808	20.4	4,788	0.1	17,516	0.5	3,320,097
Comprehensive I Universities:													
Appalachian	2,397,664	82.5	371,044	12.8	136,298	4.7	-	-	-	-	-	-	2,905,006
East Carolina	308,231	9.8	905,747	28.7	1,119,667	35.4	801,745	25.4	25,818	0.8	-	-	3,161,208
ECU-Health Aff.	704,094	88.8	27,798	3.5	59,762	7.5	-	-	-	-	1,250	0.2	792,904
Fayetteville	579,236	63.3	138,906	15.2	196,276	21.5	-	-	-	-	-	-	914,418
NC A & T	1,158,079	52.2	809,233	36.4	228,508	10.3	18,627	0.8	5,910	0.3	-	-	2,220,357
NC Central	777,481	49.8	452,720	29.0	126,861	8.1	204,191	13.1	-	-	-	-	1,561,253
Pembroke	563,464	80.1	92,535	13.2	20,000	2.8	27,304	3.9	-	-	-	-	703,303
UNC-Charlotte	2,775,321	92.4	229,763	7.6	-	-	-	-	-	-	-	-	3,005,084
UNC-Wilmington	1,479,203	99.3	9,328	0.6	-	-	1,000	0.1	-	-	-	-	1,489,531
West'n Carolina	1,242,468	52.7	739,821	31.4	248,962	10.6	126,743	5.4	-	-	-	-	2,357,994
SUBTOTAL	11,985,241	62.7	3,776,895	19.8	2,136,334	11.2	1,179,610	6.2	31,728	0.2	1,250	<0.1	19,111,058
Comp. II and Lib. Arts I Univ.:													
Elizabeth City	442,604	52.5	245,677	29.1	136,536	16.2	18,100	2.1	-	-	-	-	842,917
UNC-Asheville	351,141	44.1	101,879	12.8	150,338	18.9	193,059	24.2	-	-	-	-	796,417
Winston-Salem	177,471	17.5	532,195	52.3	147,744	14.5	97,123	9.6	62,455	6.1	-	-	1,016,988
SUBTOTAL	971,216	36.6	879,751	33.1	434,618	16.4	308,282	11.6	62,455	2.4	-	-	2,656,322
Specialized Institution:													
NC Sch. of Arts	566,834	93.0	27,768	4.6	-	-	14,570	2.4	-	-	-	-	609,172
Teaching Hospitals:													
UNC Hosp. at C. H.	1,289,158	100.0	-	-	-	-	-	-	-	-	-	-	1,289,158
Community Colleges:													
SUBTOTAL	12,237,548	88.2	1,179,552	8.5	155,164	1.1	256,119	1.8	9,552	0.1	36,758	0.3	13,874,693
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	15,150,630	98.9	104,815	0.7	51,408	0.3	4,753	<0.1	8,682	0.1	-	-	15,320,288
Gen. Baccalaureate Colleges:													
SUBTOTAL	15,086,609	87.5	1,207,070	7.0	275,074	1.6	641,169	3.7	11,642	0.1	10,513	0.1	17,232,077
Junior Colleges:													
SUBTOTAL	1,314,758	99.0	2,248	0.2	11,600	0.9	-	-	-	-	-	-	1,328,606
GRAND TOTAL	68,773,268	73.4	13,339,685	14.2	7,199,365	7.7	3,899,410	4.2	308,760	0.3	173,849	0.2	93,694,337

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Community Colleges:													
Alamance CC	181,175	87.6	25,729	12.4	-	-	-	-	-	-	-	-	206,904
Anson CC	21,274	34.2	8,689	14.0	24,912	40.0	7,411	11.9	-	-	-	-	62,286
Ashev'le-Bun. TCC	439,666	97.6	2,976	0.7	7,797	1.7	-	-	-	-	-	-	450,439
Beaufort Co. CC	154,373	100.0	-	-	-	-	-	-	-	-	-	-	154,373
Bladen CC	102,729	95.9	3,841	3.6	-	-	600	0.6	-	-	-	-	107,170
Blue Ridge CC	231,560	100.0	-	-	-	-	-	-	-	-	-	-	231,560
Brunswick CC	134,372	80.1	-	-	20,314	12.1	-	-	5,976	3.6	7,025	4.2	167,687
Caldwell CC & TI	255,794	100.0	-	-	-	-	-	-	-	-	-	-	255,794
Cape Fear CC	221,912	100.0	-	-	-	-	-	-	-	-	-	-	221,912
Carteret CC	78,337	54.0	47,517	32.8	8,700	6.0	10,463	7.2	-	-	-	-	145,017
Catawba Vy. CC	307,892	100.0	-	-	-	-	-	-	-	-	-	-	307,892
C. Carolina CC	250,335	100.0	-	-	-	-	-	-	-	-	-	-	250,335
C. Piedmont CC	515,309	36.6	869,145	61.7	24,918	1.8	-	-	-	-	-	-	1,409,372
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	244,952	100.0	-	-	-	-	-	-	-	-	-	-	244,952
Col. Albemarle	192,092	97.3	-	-	-	-	5,268	2.7	-	-	-	-	197,360
Craven CC	154,858	100.0	-	-	-	-	-	-	-	-	-	-	154,858
Davidson Co. CC	282,491	100.0	-	-	-	-	-	-	-	-	-	-	282,491
Durham TCC	186,712	66.7	38,016	13.6	-	-	53,709	19.2	1,440	0.5	-	-	279,877
Edgecombe CC	169,294	100.0	-	-	-	-	-	-	-	-	-	-	169,294
Fayettev'le TCC	474,519	88.4	14,160	2.6	7,200	1.3	40,651	7.6	-	-	-	-	536,530
Forsyth TCC	512,863	100.0	-	-	-	-	-	-	-	-	-	-	512,863
Gaston Col.	326,168	100.0	-	-	-	-	-	-	-	-	-	-	326,168
Guilford TCC	638,258	100.0	-	-	-	-	-	-	-	-	-	-	638,258
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	-	-	132,607
Haywood CC	274,730	99.1	2,400	0.9	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	115,825	97.9	-	-	-	-	1,272	1.1	1,272	1.1	-	-	118,369
Johnston CC	195,401	100.0	-	-	-	-	-	-	-	-	-	-	195,401
Lenoir CC	259,679	100.0	-	-	-	-	-	-	-	-	-	-	259,679
Martin CC	217,105	100.0	-	-	-	-	-	-	-	-	-	-	217,105
Mayland CC	89,970	100.0	-	-	-	-	-	-	-	-	-	-	89,970
McDowell TCC	95,881	100.0	-	-	-	-	-	-	-	-	-	-	95,881
Mitchell CC	15,006	6.1	55,755	22.6	49,808	20.2	125,945	51.1	-	-	-	-	246,514
Montgomery CC	74,812	100.0	-	-	-	-	-	-	-	-	-	-	74,812
Nash CC	143,084	100.0	-	-	-	-	-	-	-	-	-	-	143,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	-	-	117,486
Pitt CC	239,404	96.7	-	-	-	-	-	-	-	-	8,256	3.3	247,660
Randolph CC	206,160	100.0	-	-	-	-	-	-	-	-	-	-	206,160
Richmond CC	158,864	100.0	-	-	-	-	-	-	-	-	-	-	158,864
Roanoke-Cho. CC	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	-	-	183,243
Rockingham CC	272,105	100.0	-	-	-	-	-	-	-	-	-	-	272,105
Rowan-Cab. CC	236,248	100.0	-	-	-	-	-	-	-	-	-	-	236,248
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	-	-	117,646
Sandhills CC	162,484	58.9	106,087	38.4	4,974	1.8	2,400	0.9	-	-	-	-	275,945
Southeastern CC	168,549	100.0	-	-	-	-	-	-	-	-	-	-	168,549
Southwestern CC	197,203	100.0	-	-	-	-	-	-	-	-	-	-	197,203
Stanly CC	100,311	100.0	-	-	-	-	-	-	-	-	-	-	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	-	-	182,076
Tri-County CC	88,168	84.8	-	-	6,541	6.3	8,400	8.1	864	0.8	-	-	103,973
Vance-Granv. CC	205,401	97.5	5,237	2.5	-	-	-	-	-	-	-	-	210,638
Wake TCC	426,370	100.0	-	-	-	-	-	-	-	-	-	-	426,370
Wayne CC	261,569	92.4	-	-	-	-	-	-	-	-	21,477	7.6	283,046
W. Piedmont CC	197,543	100.0	-	-	-	-	-	-	-	-	-	-	197,543
Wilkes CC	271,433	100.0	-	-	-	-	-	-	-	-	-	-	271,433
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	-	-	165,740
TOTAL	12,237,548	88.2	1,179,552	8.5	155,164	1.1	256,119	1.8	9,552	0.1	36,758	0.3	13,874,693

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been recently estimated at over $60 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table.

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Research Universities I:			
NC State	$ 227,095,147	$ 598,857,265	$141,141,732
NC State Vet.	24,314,247	35,797,170	6,811,350
UNC-Chapel Hill	227,809,564	883,301,495	142,668,736
UNC-Health Aff.	143,096,470	424,667,990	42,991,112
SUBTOTAL	622,315,428	1,942,623,920	333,612,930
Doctoral Granting Universities I:			
UNC-Greensboro	91,103,780	233,931,498	69,490,106
Comprehensive I Universities:			
Appalachian	90,411,093	234,388,171	8,864,614
East Carolina	79,712,675	237,655,264	88,723,089
ECU-Health Aff.	44,574,661	69,942,624	2,504,481
Fayetteville	32,332,571	73,624,552	7,235,730
NC A & T	68,093,649	177,458,513	18,043,643
NC Central	40,264,075	120,594,834	21,821,322
Pembroke	21,999,922	55,642,922	3,600,749
UNC-Charlotte	112,277,523	226,963,455	4,227,517
UNC-Wilmington	64,723,535	121,364,204	244,245
West'n Carolina	65,921,648	182,001,429	24,913,933
SUBTOTAL	620,311,352	1,499,635,968	180,179,323
Comprehensive II and Liberal Arts I Universities:			
Elizabeth City	31,050,306	70,111,043	8,968,824
UNC-Asheville	41,589,977	64,674,746	15,582,381
Winston-Salem	35,426,697	75,823,162	22,259,689
SUBTOTAL	108,066,980	210,608,951	46,810,894

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 19,466,304	$ 55,421,512	$ 1,055,812
Teaching Hospitals:			
UNC Hosp. at C.H.	66,637,183	158,014,293	-
Community Colleges:			
SUBTOTAL	494,682,891	989,441,901	30,856,890
	PRIVATE INSTITUTIONS		
Major Research Universities:			
SUBTOTAL	760,196,467	2,023,946,645	8,432,437
Gen. Baccalaureate Colleges:			
SUBTOTAL	415,006,865	1,295,576,520	43,176,312
Junior Colleges:			
SUBTOTAL	27,248,121	102,868,019	325,989
GRAND TOTAL	$3,225,035,371	$8,512,069,227	$713,940,693

Table 23

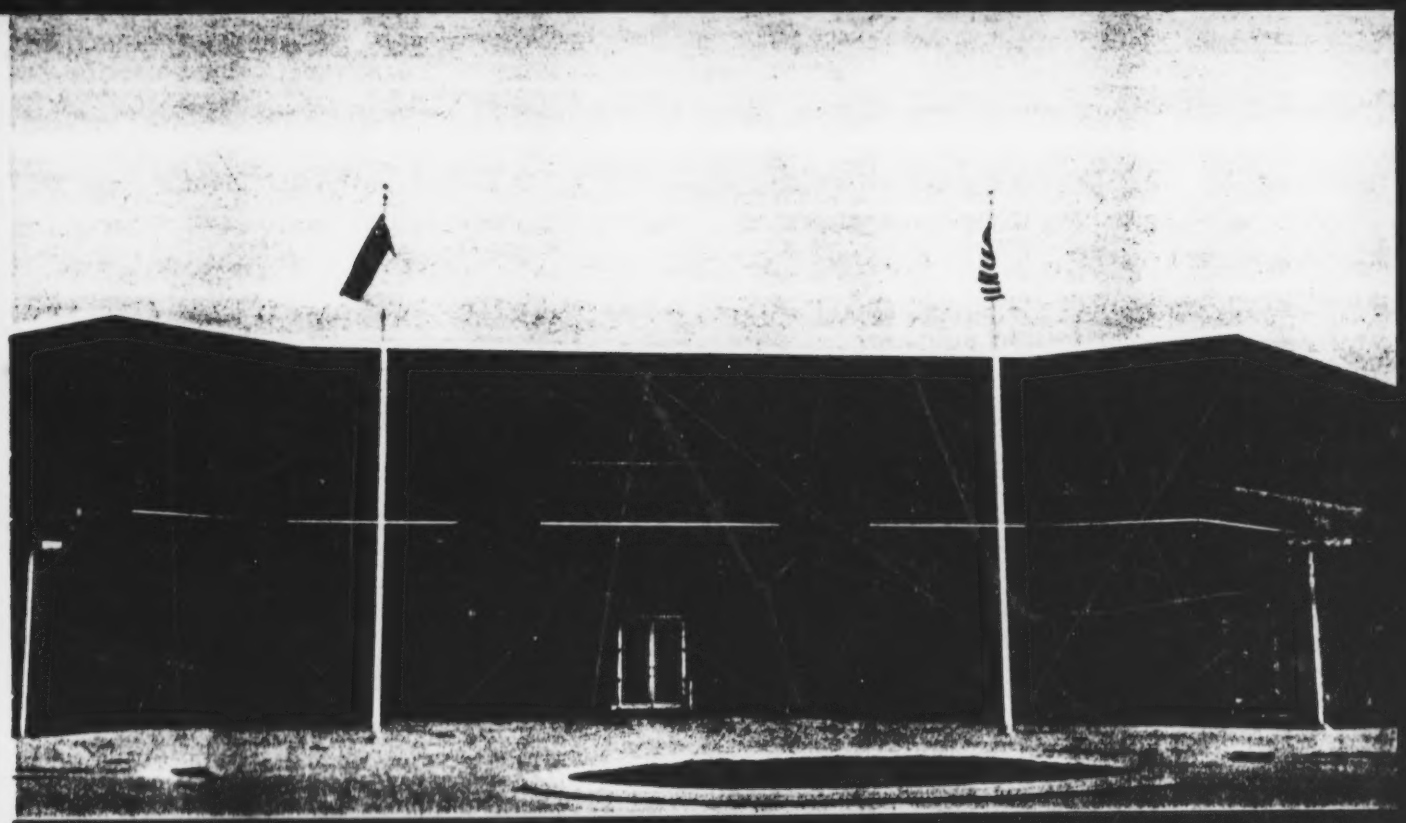
Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 9,337,403	$ 19,213,316	$ 323,858
Anson CC	1,886,292	4,410,470	1,448,439
Ashev'le-Bun. TCC	17,226,333	33,130,310	250,176
Beaufort Co. CC	5,534,383	10,008,166	-
Bladen CC	2,834,818	7,004,661	15,120
Blue Ridge CC	11,281,049	16,836,313	-
Brunswick CC	10,178,790	13,096,066	1,347,378
Caldwell CC & TI	12,686,984	22,105,467	-
Cape Fear CC	4,951,014	18,210,641	-
Carteret CC	4,080,741	11,792,772	1,349,215
Catawba Vy. CC	9,304,058	22,929,804	-
C. Carolina CC	9,650,066	20,561,202	-
C. Piedmont CC	29,440,492	71,414,150	8,587,804
Cleveland CC	9,021,301	14,595,769	-
Coastal Car. CC	12,297,578	20,689,140	-
Col. Albemarle	8,020,940	16,211,844	312,437
Craven CC	6,757,343	11,852,398	-
Davidson Co. CC	11,093,415	20,620,317	-
Durham TCC	11,419,308	20,191,549	3,344,767
Edgecombe CC	5,648,700	11,654,927	-
Fayettev'le TCC	16,120,005	34,449,896	2,111,422
Forsyth TCC	16,469,583	37,163,039	-
Gaston Col.	11,196,618	24,680,972	-
Guilford TCC	21,112,830	49,560,125	-
Halifax CC	4,683,903	7,375,232	-
Haywood CC	11,333,160	18,204,369	34,079
Isothermal CC	8,478,885	15,460,784	-
J. Sprunt CC	3,121,461	7,790,550	46,110
Johnston CC	9,706,400	14,546,315	-
Lenoir CC	7,049,699	17,961,048	-

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	4,550,955	10,216,573	-
Mayland CC	4,109,136	7,372,735	-
McDowell TCC	3,976,052	8,037,209	-
Mitchell CC	3,829,528	16,047,955	8,385,729
Montgomery CC	2,520,126	4,502,162	-
Nash CC	5,409,360	8,699,772	-
Pamlico CC	1,528,200	3,880,951	-
Piedmont CC	5,610,180	9,595,669	-
Pitt CC	12,420,676	19,683,418	226,740
Randolph CC	7,705,236	14,477,345	-
Richmond CC	4,984,574	11,826,687	-
Roanoke-Cho. CC	5,165,869	9,802,825	-
Robeson CC	8,954,000	14,113,950	-
Rockingham CC	9,089,839	19,834,776	-
Rowan-Cab. CC	7,501,016	17,660,989	-
Sampson CC	4,797,302	7,801,739	-
Sandhills CC	10,057,467	20,016,130	1,683,415
Southeastern CC	4,165,592	11,424,253	-
Southwestern CC	9,289,721	14,268,316	-
Stanly CC	3,346,302	7,247,955	-
Surry CC	5,436,344	12,582,780	-
Tri-County CC	3,925,673	7,682,576	600,647
Vance-Granv. CC	8,174,433	17,627,394	74,246
Wake TCC	16,031,207	29,977,059	-
Wayne CC	19,809,601	24,171,201	715,308
W. Piedmont CC	8,130,986	16,135,419	-
Wilkes CC	7,651,408	18,177,438	-
Wilson TCC	4,588,556	12,855,013	-
TOTAL	$494,682,891	$989,441,901	$30,856,890



Classroom Office Building, Davidson County Community College

A 1992 bond referendum ratified by the voters of Davidson County resulted in the 1994 completion of Davidson County Community College's $2.7 million Classroom Office Building. The building contains modern classrooms, technologically advanced computer laboratories, faculty/staff offices, conference and seminar facilities, and a print shop. All areas in the 27,754-square-foot facility are accessible to the mobility impaired.

With a total campus accessibility rate of 99 percent, Davidson County Community College demonstrates a continuing commitment to people with special challenges and needs. This new facility is directly adjoined to the Student Center by a second floor enclosed walkway and, upon completion of a campus-wide development project, is designed to be the focal point of the campus.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:
ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act stated that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The more recent 1990 Americans with Disabilities Act (ADA) reinforced this guideline while providing a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

One of the groups protected by both pieces of legislation is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier-free, they do require that an institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country have improved dramatically.

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1994	1993	1992	1991	1990
Research Universities I:							
NC State	4,634,547	2,778,540	60.0	59.4	58.5	58.0	54.9
NC State Vet.	234,982	202,043	86.0	87.6	87.6	87.7	90.6
UNC-Chapel Hill	4,797,798	3,028,910	63.1	63.0	61.0	60.2	59.6
UNC-Health Aff.	1,431,282	1,354,289	94.6	95.0	94.6	94.2	94.4
SUBTOTAL	11,098,609	7,363,782	66.3	66.1	64.8	64.2	62.9
Doctoral Granting Universities I:							
UNC-Greensboro	1,923,587	1,292,674	67.2	64.7	65.4	64.3	64.1
Comprehensive I Universities:							
Appalachian	1,998,538	1,163,014	58.2	58.3	57.8	57.9	57.6
East Carolina	2,230,536	1,469,153	65.9	64.6	64.0	49.7	50.1
ECU-Health Aff.	514,729	485,565	94.3	94.2	94.1	93.0	93.7
Fayetteville	605,869	316,371	52.2	51.7	51.7	51.7	48.0
NC A & T	1,543,313	1,211,279	78.5	78.4	54.9	54.7	50.7
NC Central	1,022,505	735,836	72.0	72.0	71.8	65.1	40.2
Pembroke	485,272	333,165	68.7	68.6	67.5	67.5	66.8
UNC-Charlotte	1,672,181	1,445,011	86.4	86.7	86.7	86.7	85.6
UNC-Wilmington	1,018,106	574,902	56.5	54.7	62.9	61.5	59.7
West'n Carolina	1,609,663	1,106,890	68.8	68.4	67.2	67.1	66.6
SUBTOTAL	12,700,712	8,841,186	69.6	69.2	66.6	63.1	59.8
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	588,941	430,591	73.1	70.6	70.6	69.3	68.8
UNC-Asheville	525,932	451,279	85.8	85.9	85.9	85.9	85.8
Winston-Salem	678,302	442,092	65.2	61.5	61.5	61.5	61.5
SUBTOTAL	1,793,175	1,323,962	73.8	71.1	70.9	70.5	70.2

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1994	1993	1992	1991	1990
Specialized Institution:							
NC Sch. of Arts	411,402	298,764	72.6	72.6	73.0	73.0	70.1
Teaching Hospitals:							
UNC Hosp. at C.H.	741,787	735,280	99.1	99.2	99.1	99.1	99.2
Community Colleges:							
SUBTOTAL	9,536,604	9,012,604	94.5	94.2	94.1	94.0	93.8
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	8,347,704	5,735,210	68.7	67.4	67.1	66.8	67.2
Gen. Baccalaureate Colleges:							
SUBTOTAL	12,196,971	5,451,291	44.7	44.0	42.9	41.3	41.3
Junior Colleges:							
SUBTOTAL	935,592	461,334	49.3	48.9	48.8	53.9	48.8
GRAND TOTAL	59,686,143	40,516,087	67.9	67.2	66.1	65.0	63.9

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1994	1993	1992	1991	1990
Community Colleges:							
Alamance CC	143,779	142,947	99.4	99.4	99.4	99.4	99.4
Anson CC	45,471	38,903	85.6	86.2	85.3	80.1	83.1
Ashev'le-Bun. TCC	301,196	279,735	92.9	92.9	92.9	88.8	88.8
Beaufort Co. CC	114,876	111,430	97.0	96.0	94.1	93.2	92.1
Bladen CC	82,098	78,734	95.9	95.9	95.9	95.7	95.7
Blue Ridge CC	180,916	180,070	99.5	99.7	99.5	99.5	99.5
Brunswick CC	115,628	106,276	91.9	91.9	96.5	86.1	86.1
Caldwell CC & TI	190,778	172,766	90.6	90.1	95.2	95.2	93.3
Cape Fear CC	148,057	144,380	97.5	97.5	97.6	97.6	97.5
Carteret CC	110,584	93,489	84.5	83.7	84.6	84.2	87.7
Catawba Vy. CC	227,594	218,862	96.2	95.7	95.7	95.7	88.1
C. Carolina CC	182,103	178,063	97.8	97.8	97.8	97.6	98.0
C. Piedmont CC	555,924	533,434	96.0	95.1	94.2	96.6	96.4
Cleveland CC	135,961	134,145	98.7	98.7	98.7	98.7	98.7
Coastal Car. CC	177,146	177,146	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	128,830	128,730	99.9	99.9	99.9	99.9	99.9
Craven CC	107,962	107,502	99.6	99.6	99.6	99.6	99.6
Davidson Co. CC	191,517	187,702	98.0	98.4	98.4	98.3	98.4
Durham TCC	196,607	195,461	99.4	94.1	93.3	92.6	92.2
Edgecombe CC	116,998	98,277	84.0	84.0	84.2	84.3	84.3
Fayettev'le TCC	383,701	357,361	93.1	93.1	93.1	91.8	91.4
Forsyth TCC	360,838	355,299	98.5	98.5	98.5	98.3	98.2
Gaston Col.	232,721	197,640	84.9	86.2	86.2	86.2	93.3
Guilford TCC	458,054	400,804	87.5	85.7	84.5	82.4	79.8
Halifax CC	96,917	96,193	99.3	99.3	99.3	99.3	99.3
Haywood CC	211,048	193,139	91.5	91.5	89.1	89.5	87.6
Isothermal CC	169,036	149,431	88.4	88.4	88.4	88.4	87.9
J. Sprunt CC	88,165	82,312	93.4	93.2	93.2	96.1	96.1
Johnston CC	145,288	143,719	98.9	98.9	98.9	98.9	98.8
Lenoir CC	198,814	195,679	98.4	98.3	98.2	98.4	98.4

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1994	1993	1992	1991	1990
Community Colleges:							
Martin CC	165,506	139,129	84.1	83.8	83.8	85.5	97.8
Mayland CC	65,972	65,350	99.1	98.9	98.9	99.0	99.0
McDowell TCC	72,349	69,612	96.2	96.2	96.2	96.2	96.2
Mitchell CC	178,536	135,670	76.0	76.0	76.0	84.0	84.0
Montgomery CC	53,107	51,014	96.1	96.1	99.7	99.7	99.7
Nash CC	98,846	97,578	98.7	98.7	98.7	99.0	99.0
Pamlico CC	28,597	27,368	95.7	95.7	95.7	95.7	95.7
Piedmont CC	98,915	97,680	98.8	98.8	98.7	98.7	98.7
Pitt CC	175,449	166,583	94.9	94.9	91.4	92.3	92.7
Randolph CC	157,155	157,155	100.0	100.0	100.0	100.0	100.0
Richmond CC	113,949	104,408	91.6	91.6	91.6	91.6	91.3
Roanoke-Cho. CC	99,899	96,231	96.3	96.3	96.3	96.6	95.9
Robeson CC	136,255	132,951	97.6	97.6	97.6	97.6	97.6
Rockingham CC	195,390	178,230	91.2	92.0	92.0	94.3	94.3
Rowan-Cab. CC	174,086	174,086	100.0	100.0	100.0	100.0	100.0
Sampson CC	87,516	85,856	98.1	98.1	98.1	98.1	98.1
Sandhills CC	200,250	187,207	93.5	93.5	93.5	93.5	93.4
Southeastern CC	125,413	115,445	92.1	92.1	91.6	89.8	81.1
Southwestern CC	145,949	139,610	95.7	95.6	95.6	95.6	95.6
Stanly CC	75,123	75,093	100.0	100.0	100.0	100.0	100.0
Surry CC	133,531	124,865	93.5	93.5	93.5	93.5	93.5
Tri-County CC	82,943	80,124	96.6	96.6	96.6	96.6	96.6
Vance-Granv. CC	139,393	132,716	95.2	95.2	95.1	97.3	97.2
Wake TCC	292,120	272,473	93.3	93.3	93.3	93.2	91.9
Wayne CC	185,985	183,183	98.5	98.5	98.5	95.7	95.6
W. Piedmont CC	132,258	127,067	96.1	96.0	96.3	96.1	96.1
Wilkes CC	204,590	198,903	97.2	96.9	97.3	97.1	97.1
Wilson TCC	118,915	117,388	98.7	98.7	98.4	98.4	98.5
TOTAL	9,536,604	9,012,604	94.5	94.2	94.1	94.0	93.8

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	2,778,540	71.5	76.3	73.6	94.2	30.6	65.1	63.7	-	30.1	12.9
NC State Vet.	202,043	69.6	89.3	99.7	97.0	93.1	41.3	100.0	-	-	-
UNC-Chapel Hill	3,028,910	80.5	92.3	71.0	79.1	39.2	68.1	86.0	-	98.1	17.7
UNC-Health Aff.	1,354,289	95.1	92.8	98.4	96.4	100.0	97.9	90.2	-	86.7	89.1
SUBTOTAL	7,363,782	78.4	83.1	85.2	86.7	35.8	67.2	77.1	-	89.5	25.3
Doctoral Granting Universities I:											
UNC-Greensboro	1,292,674	86.5	96.6	-	85.9	49.0	76.0	39.0	-	-	59.7
Comprehensive I Universities:											
Appalachian	1,163,014	75.5	98.2	88.1	94.4	36.4	75.3	73.8	-	100.0	0.0
East Carolina	1,469,153	80.2	75.1	86.0	97.5	54.1	44.2	71.4	-	0.0	14.5
ECU-Health Aff.	485,565	100.0	92.5	99.7	99.9	100.0	61.8	45.8	-	-	-
Fayetteville	316,371	70.5	100.0	79.4	85.9	22.8	70.8	26.1	-	0.0	-
NC A & T	1,211,279	90.2	78.2	18.9	86.8	62.8	83.2	81.2	-	0.0	98.2
NC Central	735,836	80.1	47.7	100.0	90.7	60.5	72.9	89.6	-	100.0	40.3
Pembroke	333,165	83.5	-	100.0	99.4	40.3	93.3	99.5	-	-	-
UNC-Charlotte	1,445,011	99.1	100.0	-	98.5	73.5	100.0	100.0	-	-	100.0
UNC-Wilmington	574,902	81.4	36.4	-	53.8	40.1	85.4	96.3	-	82.3	0.0
West'n Carolina	1,106,890	85.9	97.4	100.0	97.4	52.5	59.3	52.1	-	61.2	77.5
SUBTOTAL	8,841,186	84.1	84.5	92.1	90.1	51.8	71.8	72.1	-	56.5	54.9
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	430,591	91.4	-	100.0	97.6	53.5	70.6	100.0	-	-	100.0
UNC-Asheville	451,279	90.5	100.0	100.0	92.6	77.8	81.9	98.7	-	99.0	100.0
Winston-Salem	442,092	71.5	31.7	17.2	89.3	56.6	42.6	90.4	-	100.0	99.4
SUBTOTAL	1,323,962	84.0	70.9	96.8	92.8	60.9	57.3	96.0	-	99.3	99.7
Specialized Institution:											
NC Sch. of Arts	298,764	93.3	-	100.0	93.7	36.1	46.1	99.1	-	100.0	99.5
Teaching Hospitals:											
UNC Hosp. at C. Hill	735,280	100.0	-	99.2	-	-	98.9	99.7	-	-	94.2
Community Colleges:											
SUBTOTAL	9,012,604	95.9	0.0	82.6	95.9	95.0	90.9	76.9	-	99.3	68.1
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	5,735,210	83.2	86.9	93.1	91.5	35.3	48.5	37.9	-	72.9	100.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	5,451,291	64.7	67.9	27.7	82.0	37.4	19.1	43.1	-	8.7	17.2
Junior Colleges:											
SUBTOTAL	461,334	60.9	-	0.0	87.5	43.5	31.9	80.3	-	43.0	9.3
GRAND TOTAL	40,516,087	83.6	84.9	92.3	89.2	45.2	52.7	62.6	-	72.9	56.6

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	142,947	99.8	-	100.0	100.0	100.0	93.5	100.0	-	-	100.0
Anson CC	38,903	85.7	-	0.0	81.5	84.7	94.1	100.0	-	-	100.0
Ashev'le-Bun. TCC	279,735	94.5	-	70.7	96.3	100.0	73.3	98.2	-	100.0	0.0
Beaufort Co. CC	111,430	97.8	-	100.0	100.0	95.5	90.3	100.0	-	-	100.0
Bladen CC	78,734	99.0	-	-	98.3	94.0	99.6	40.3	-	100.0	100.0
Blue Ridge CC	180,070	99.9	-	100.0	100.0	99.8	90.5	97.5	-	100.0	100.0
Brunswick CC	106,276	93.9	-	69.2	100.0	97.5	97.6	100.0	-	100.0	100.0
Caldwell CC & TI	172,766	92.5	-	-	100.0	100.0	96.3	10.5	-	-	100.0
Cape Fear CC	144,380	97.6	-	100.0	100.0	92.7	99.0	100.0	-	0.0	-
Carteret CC	93,489	82.2	-	-	62.9	85.5	100.0	0.0	-	100.0	100.0
Catawba Vy. CC	218,862	100.0	-	-	100.0	100.0	55.6	-	-	100.0	100.0
C. Carolina CC	178,063	98.1	-	100.0	98.5	100.0	99.5	36.8	-	100.0	0.0
C. Piedmont CC	533,434	98.3	-	100.0	94.7	90.8	97.5	86.2	-	-	0.0
Cleveland CC	134,145	98.5	-	100.0	100.0	100.0	99.8	86.9	-	-	60.1
Coastal Car. CC	177,146	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Col. Albemarle	128,730	99.9	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	107,502	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	187,702	98.9	-	0.0	98.7	98.7	99.8	100.0	-	100.0	-
Durham TCC	195,461	99.9	-	100.0	100.0	100.0	100.0	61.1	-	100.0	-
Edgecombe CC	98,277	80.9	-	100.0	100.0	100.0	100.0	100.0	-	-	0.0
Fayettev'le TCC	357,361	94.6	-	100.0	99.9	97.4	80.8	46.7	-	100.0	97.5
Forsyth TCC	355,299	98.1	-	100.0	99.2	98.9	99.8	100.0	-	100.0	100.0
Gaston Col.	197,640	95.2	-	0.0	56.7	95.0	67.3	73.9	-	-	-
Guilford TCC	400,804	87.5	-	86.7	91.9	94.9	92.2	11.9	-	-	90.0
Halifax CC	96,193	100.0	-	100.0	100.0	100.0	98.8	79.2	-	-	-
Haywood CC	193,139	87.9	-	100.0	100.0	100.0	100.0	100.0	-	100.0	0.0
Isothermal CC	149,431	94.3	-	100.0	25.8	83.6	89.3	100.0	-	-	-
J. Sprunt CC	82,312	93.1	-	100.0	100.0	96.3	100.0	65.3	-	100.0	-
Johnston CC	143,719	99.8	-	0.0	100.0	100.0	98.5	100.0	-	-	-
Lenoir CC	195,679	98.8	-	100.0	95.4	100.0	97.6	100.0	-	100.0	-
Martin CC	139,129	94.5	0.0	100.0	100.0	82.6	97.3	100.0	-	100.0	0.0
Mayland CC	65,350	99.9	-	100.0	100.0	100.0	90.8	100.0	-	-	100.0
McDowell TCC	69,612	96.2	-	-	100.0	98.8	89.1	100.0	-	-	-
Mitchell CC	135,670	86.3	-	-	95.9	54.7	45.8	22.5	-	100.0	23.2
Montgomery CC	51,014	94.1	-	100.0	100.0	100.0	99.4	100.0	-	100.0	-
Nash CC	97,578	99.6	-	100.0	100.0	100.0	92.4	100.0	-	-	-
Pamlico CC	27,368	99.9	-	-	100.0	100.0	98.2	0.0	-	-	-
Piedmont CC	97,680	98.0	-	98.8	100.0	100.0	99.6	100.0	-	100.0	-
Pitt CC	166,583	95.5	-	100.0	100.0	81.9	84.7	100.0	-	-	100.0
Randolph CC	157,155	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	104,408	91.8	-	100.0	95.1	87.5	100.0	40.7	-	-	-
Roanoke-Cho. CC	96,231	100.0	-	100.0	100.0	100.0	99.7	100.0	-	100.0	0.0
Robeson CC	132,951	100.0	-	-	100.0	87.9	99.8	100.0	-	-	-
Rockingham CC	178,230	88.1	-	95.0	96.0	98.8	99.9	100.0	-	100.0	-
Rowan-Cab. CC	174,086	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Sampson CC	85,856	97.6	-	-	100.0	100.0	99.6	100.0	-	-	92.0
Sandhills CC	187,207	95.5	-	100.0	96.5	96.7	62.0	97.2	-	100.0	-
Southeastern CC	115,445	90.0	-	100.0	99.0	95.4	89.1	100.0	-	-	100.0
Southwestern CC	139,610	100.0	-	0.0	100.0	100.0	99.4	0.0	-	100.0	-
Stanly CC	75,093	100.0	-	100.0	100.0	100.0	99.6	100.0	-	-	-
Surry CC	124,865	91.4	-	100.0	100.0	96.9	96.5	100.0	-	-	-
Tri-County CC	80,124	99.1	-	-	83.2	100.0	90.6	-	-	-	-
Vance-Granv. CC	132,716	99.3	-	100.0	84.1	88.3	79.0	100.0	-	-	100.0
Wake TCC	272,473	94.6	-	-	100.0	99.5	76.7	62.0	-	-	100.0
Wayne CC	183,183	97.7	-	100.0	100.0	99.4	100.0	100.0	-	-	-
W. Piedmont CC	127,067	99.5	-	100.0	100.0	99.6	100.0	6.0	-	-	-
Wilkes CC	198,903	97.7	-	0.0	100.0	93.5	99.5	100.0	-	97.4	100.0
Wilson TCC	117,388	100.0	-	100.0	99.6	100.0	84.9	100.0	-	-	-
TOTAL	9,012,604	95.9	0.0	82.6	95.9	95.0	90.9	76.9	-	99.3	68.1

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Research Universities I:								
NC State	71.4	-	-	-	100.0	-	-	-
NC State Vet.	69.6	-	-	-	-	-	-	-
UNC-Chapel Hill	80.3	-	27.9	99.8	94.5	-	-	-
UNC-Health Aff.	96.1	-	100.0	100.0	28.2	-	-	100.0
SUBTOTAL	78.4	-	29.6	99.8	82.3	-	-	100.0
Doctoral Granting Universities I:								
UNC-Greensboro	86.4	-	100.0	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	76.8	-	-	64.4	-	-	-	-
East Carolina	80.2	-	100.0	-	-	-	-	-
ECU-Health Aff.	100.0	-	-	-	-	-	-	-
Fayetteville	70.0	-	-	100.0	-	-	-	-
NC A & T	90.2	-	-	-	-	-	-	-
NC Central	80.0	-	95.2	-	-	100.0	-	-
Pembroke	83.4	-	100.0	-	-	-	-	-
UNC-Charlotte	99.1	-	-	-	-	-	-	-
UNC-Wilmington	81.5	-	-	-	80.6	-	-	-
West'n Carolina	85.7	-	100.0	100.0	100.0	100.0	-	-
SUBTOTAL	84.4	-	98.9	66.7	85.7	100.0	-	-
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	91.2	-	100.0	-	-	-	-	-
UNC-Asheville	90.5	-	-	-	-	-	-	-
Winston-Salem	71.1	-	84.0	-	-	-	-	-
SUBTOTAL	83.8	-	91.5	-	-	-	-	-

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
97.8	75.2	-	-	97.5	52.3	65.2	NC State
-	89.3	99.6	99.8	-	-	-	NC State Vet.
58.5	92.5	-	-	79.4	-	0.0	UNC-Chapel Hill
88.5	93.3	98.7	98.5	92.1	-	-	UNC-Health Aff.
92.7	82.5	99.0	98.8	90.1	52.3	25.4	SUBTOTAL
							Doctoral Granting Universities I:
-	96.6	-	-	-	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	98.2	-	-	88.1	-	-	Appalachian
0.0	85.5	-	-	85.3	-	91.8	East Carolina
-	92.5	99.8	99.7	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	78.9	-	100.0	Fayetteville
100.0	77.4	-	-	38.5	3.3	100.0	NC A & T
100.0	19.5	-	-	100.0	-	-	NC Central
-	-	-	-	100.0	-	100.0	Pembroke
100.0	100.0	-	-	-	-	-	UNC-Charlotte
14.0	67.4	-	-	-	-	-	UNC-Wilmington
-	97.4	-	-	100.0	-	100.0	West'n Carolina
55.2	87.3	99.8	99.7	86.9	3.3	95.0	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	100.0	-	100.0	Elizabeth City
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	0.0	-	100.0	Winston-Salem
100.0	61.3	-	-	96.4	-	100.0	SUBTOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	93.3	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. - C.H.	100.0	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	95.0	96.4	98.3	90.5	96.9	100.0	100.0	89.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	83.2	-	100.0	50.3	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	64.7	-	50.6	100.0	0.0	-	-	-
Junior Colleges:								
SUBTOTAL	60.9	-	0.0	100.0	-	-	-	-
GRAND TOTAL	78.8	96.4	87.3	86.0	94.7	100.0	100.0	89.9

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	-	99.9	98.8	-	-	-	UNC Hosp. - C.H.
							Community Colleges:
0.0	-	-	-	82.4	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	86.9	99.2	91.1	0.0	-	0.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
100.0	67.6	-	-	27.7	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
82.2	85.0	99.4	94.5	85.2	48.3	48.6	GRAND TOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	-	99.8	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	92.0	0.0	31.7	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	100.0	94.7	-	60.2	97.1	-	-	100.0	70.7
Beaufort Co. CC	-	97.7	-	89.8	100.0	-	-	-	100.0
Bladen CC	-	100.0	100.0	100.0	93.3	-	100.0	-	-
Blue Ridge CC	99.6	100.0	-	100.0	100.0	100.0	-	-	100.0
Brunswick CC	-	95.9	-	80.3	100.0	100.0	-	100.0	69.2
Caldwell CC & TI	75.7	95.6	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.4	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	81.6	100.0	75.2	100.0	-	-	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
C. Carolina CC	-	98.0	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	95.0	99.2	100.0	96.5	100.0	-	-	-	100.0
Cleveland CC	100.0	98.0	-	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	83.7	-	-	-	0.0
Durham TCC	100.0	99.9	100.0	100.0	100.0	-	-	-	100.0
Edgecombe CC	100.0	78.4	-	100.0	98.7	-	-	-	100.0
Fayettev'le TCC	-	93.7	100.0	97.7	100.0	-	-	-	100.0
Forsyth TCC	100.0	97.6	96.5	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	99.0	93.9	100.0	100.0	100.0	-	-	-	0.0
Guilford TCC*	94.6	92.2	93.8	43.0	97.0	100.0	-	52.3	86.6
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	86.9	100.0	100.0	81.0	-	100.0	100.0	100.0
Isothermal CC**	98.5	95.8	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	94.4	100.0	45.2	100.0	-	-	-	100.0
Johnston CC	-	99.8	-	-	-	-	-	-	0.0
Lenoir CC*	98.4	98.5	100.0	100.0	100.0	-	100.0	100.0	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	94.2	95.3	100.0	100.0	0.0	-	-	-	100.0
Mayland CC	100.0	99.9	100.0	100.0	100.0	-	-	-	100.0
McDowell TCC	100.0	95.7	100.0	100.0	100.0	-	-	-	-
Mitchell CC	85.7	84.2	-	86.9	100.0	-	-	-	-
Montgomery CC	-	94.1	-	100.0	-	-	-	-	100.0
Nash CC	100.0	99.9	100.0	100.0	98.8	100.0	100.0	-	100.0
Pamlico CC	-	99.8	-	100.0	100.0	-	-	-	-
Piedmont CC	-	98.0	100.0	95.4	100.0	-	-	-	98.8
Pitt CC*	93.8	97.1	0.0	60.4	100.0	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	100.0
Richmond CC	-	90.3	-	100.0	100.0	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	-	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	-	100.0	-	100.0	100.0	-	-	-	-
Rockingham CC	87.0	87.3	-	100.0	100.0	-	-	-	95.0
Rowan-Cab. CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Sampson CC	-	97.1	100.0	100.0	-	-	100.0	100.0	-
Sandhills CC	96.1	96.2	100.0	33.3	88.7	-	-	-	100.0
Southeastern CC	83.4	92.4	76.4	100.0	-	-	-	-	100.0
Southwestern CC	-	100.0	100.0	100.0	100.0	-	-	-	0.0
Stanly CC	100.0	100.0	-	-	100.0	-	-	-	100.0
Surry CC	79.9	95.8	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	96.9	99.7	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	93.2	-	100.0	100.0	-	-	-	-
Wayne CC	100.0	97.2	-	100.0	100.0	-	-	-	100.0
W. Piedmont CC	99.5	99.5	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.7	-	100.0	79.2	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	95.0	96.4	98.3	90.5	96.9	100.0	100.0	89.9	82.4

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Subtotal - 100.0.

Accessible Area by Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	99.0	100.0	96.5	88.6	91.2	85.7	0.0	-
NC State Vet.	96.9	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	81.7	100.0	55.1	88.8	63.9	68.9	-	87.7
UNC-Health Aff.	100.0	100.0	100.0	100.0	96.0	95.1	98.1	100.0
SUBTOTAL	87.8	100.0	78.0	89.5	86.4	84.0	77.7	88.7
Doctoral Granting Universities I:								
UNC-Greensboro	80.1	100.0	100.0	90.5	93.2	84.9	-	-
Comprehensive I Universities:								
Appalachian	100.0	100.0	100.0	97.4	51.7	86.7	100.0	100.0
East Carolina	100.0	100.0	100.0	50.4	98.9	85.6	100.0	-
ECU-Health Aff.	100.0	100.0	99.4	100.0	-	100.0	-	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	93.7	-	-
NC A & T	98.8	64.6	100.0	100.0	66.6	87.1	-	-
NC Central	99.1	100.0	96.4	100.0	25.6	87.7	-	100.0
Pembroke	99.9	100.0	100.0	-	-	96.2	-	-
UNC-Charlotte	97.9	100.0	100.0	-	-	99.9	-	-
UNC-Wilmington	49.1	100.0	-	0.0	-	78.0	-	17.5
West'n Carolina	100.0	96.0	88.8	100.0	91.7	92.5	-	100.0
SUBTOTAL	92.7	95.4	89.8	92.5	72.6	90.4	100.0	89.2
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	100.0	100.0	-	100.0	90.4	90.5	-	-
UNC-Asheville	90.2	100.0	99.6	100.0	-	100.0	-	-
Winston-Salem	100.0	89.8	100.0	100.0	32.5	65.8	-	-
SUBTOTAL	96.0	92.5	99.6	100.0	70.2	78.0	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.0	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	97.4	98.5	98.5	96.3	82.4	95.8	82.2	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	97.2	35.9	93.7	95.8	37.7	85.1	100.0	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	85.7	83.5	73.5	73.6	51.3	64.5	-	1.7
Junior Colleges:								
SUBTOTAL	90.5	67.3	-	0.0	-	81.6	-	-
GRAND TOTAL	91.4	85.4	90.9	91.1	77.3	86.2	93.1	63.5

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	100.0	100.0	100.0	-	-
Anson CC	100.0	-	100.0	100.0	-	32.7	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	100.0	100.0	49.0	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	100.0	-	-
Bladen CC	100.0	-	100.0	-	-	91.1	-	-
Blue Ridge CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	26.0	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
C. Carolina CC	98.2	-	100.0	-	100.0	100.0	-	-
C. Piedmont CC	98.1	100.0	88.6	100.0	72.8	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	97.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	100.0	-
Edgecombe CC	100.0	-	100.0	100.0	-	100.0	-	-
Fayettev'le TCC	100.0	-	100.0	100.0	-	99.8	-	-
Forsyth TCC	100.0	-	80.3	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	10.4	100.0	-	-
Guilford TCC	91.8	-	100.0	-	-	89.0	100.0	-
Halifax CC	100.0	-	100.0	-	-	100.0	-	-
Haywood CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	98.2	100.0	100.0	100.0	-	79.1	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	100.0	-	-
Mayland CC	100.0	-	100.0	-	100.0	100.0	-	-
McDowell TCC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	83.9	100.0	0.0	-	94.3	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	-	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	-	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	100.0	100.0	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	100.0	68.5	93.3	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	100.0	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	74.9	0.0	-
Southeastern CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	100.0	-	100.0	-	-
Surry CC	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	77.3	-	-	-	100.0	100.0	-	-
Wake TCC	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	-	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.2	-	100.0	100.0	100.0	100.0	-	-
TOTAL	97.4	98.5	98.5	96.3	82.4	95.8	82.2	-

Table 25c

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Research Universities I:												
NC State	100.0	94.6	87.3	86.6	16.8	66.8	99.2	63.5	93.4	40.4	12.3	85.7
NC State Vet.	-	100.0	-	-	93.0	-	-	-	100.0	100.0	-	-
UNC-Chapel Hill	30.6	88.2	73.1	13.5	16.8	90.1	96.6	100.0	77.8	70.8	93.9	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	88.8	-	-
SUBTOTAL	66.7	91.1	80.7	43.5	17.2	83.1	97.3	81.4	85.1	74.0	62.7	79.5
Doctoral Granting Universities I:												
UNC-Greensboro	98.7	89.7	56.1	100.0	37.3	89.7	97.5	5.8	34.6	30.4	100.0	100.0
Comprehensive I Universities:												
Appalachian	62.9	79.6	94.4	100.0	22.8	88.0	99.6	63.6	74.1	100.0	100.0	-
East Carolina	26.6	68.2	76.8	99.0	47.2	99.8	40.4	12.9	93.3	7.4	-	0.0
ECU-Health Aff.	100.0	-	-	-	-	-	-	100.0	32.7	100.0	100.0	-
Fayetteville	100.0	53.0	100.0	100.0	9.5	41.6	0.0	-	0.0	-	-	100.0
NC A & T	100.0	95.4	100.0	100.0	55.7	81.5	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	61.0	93.6	47.0	45.4	56.4	43.4	91.1	72.8	93.6	-	-	100.0
Pembroke	83.7	74.6	100.0	100.0	27.0	68.9	43.5	100.0	100.0	82.5	-	100.0
UNC-Charlotte	100.0	98.3	100.0	100.0	71.6	33.5	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	98.4	82.6	83.2	100.0	27.5	52.3	91.5	100.0	96.3	-	85.3	-
West'n Carolina	100.0	98.3	96.2	100.0	40.1	84.1	41.4	56.9	44.2	44.6	100.0	100.0
SUBTOTAL	77.0	82.5	91.0	92.3	43.9	74.2	71.7	67.3	74.3	46.7	89.1	67.4
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	100.0	99.1	100.0	65.2	43.4	92.4	0.0	100.0	100.0	-	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	79.3	3.5	100.0	100.0	100.0	100.0	91.8	100.0
Winston-Salem	7.9	96.9	40.0	0.0	49.8	69.5	0.0	60.4	98.8	84.6	100.0	100.0
SUBTOTAL	46.2	98.2	77.1	42.9	55.5	56.9	16.3	92.3	99.5	91.4	95.2	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	21.1	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	99.9	98.6	-	-
Community Colleges:												
SUBTOTAL	95.0	92.4	96.9	94.8	97.5	100.0	100.0	90.4	73.8	96.6	100.0	80.1
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	99.6	77.3	25.5	77.6	22.5	82.6	81.8	48.6	41.2	84.2	14.4	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	62.2	59.3	40.9	45.6	29.1	75.1	66.5	38.1	46.4	17.2	61.3	37.5
Junior Colleges:												
SUBTOTAL	53.8	76.5	65.8	14.0	37.0	23.2	23.8	63.5	88.4	22.0	-	100.0
GRAND TOTAL	77.1	78.1	81.1	72.3	33.9	78.4	74.0	61.6	64.9	60.0	53.5	61.8

Table 25c

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	-	-	100.0
Beaufort Co. CC	100.0	97.6	100.0	100.0	90.7	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.6	65.2	-	100.0	-	-	-	0.0	-	-	100.0
Blue Ridge CC	100.0	99.2	100.0	-	100.0	-	-	-	100.0	27.3	-	-
Brunswick CC	90.3	-	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	100.0	-	-	100.0	8.3	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	86.0	-	-	-	-	-	-	100.0
Carteret CC	100.0	78.0	100.0	100.0	85.9	-	-	0.0	0.0	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	36.8	-	-	-	-
C. Piedmont CC	98.7	83.1	100.0	50.5	93.3	-	-	34.1	96.3	90.3	-	95.7
Cleveland CC	100.0	100.0	-	100.0	100.0	-	-	100.0	85.1	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.6	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	0.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Fayettev'le TCC	100.0	94.8	100.0	100.0	100.0	-	100.0	100.0	6.1	100.0	-	68.9
Forsyth TCC	100.0	100.0	100.0	100.0	98.0	-	-	100.0	100.0	100.0	-	-
Gaston Col.	100.0	90.8	100.0	100.0	98.9	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	100.0	87.8	100.0	92.9	-	100.0	-	2.4	100.0	-	0.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal CC	100.0	65.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	100.0	88.6	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	100.0
Martin CC	82.8	80.8	84.7	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Mayland CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell CC	89.4	38.1	88.0	100.0	71.5	-	-	0.0	11.9	100.0	-	-
Montgomery CC	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	47.1	0.0	82.3	100.0	100.0	-	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	64.2	-	100.0	-	24.9	-	-	100.0
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.3	100.0	100.0	99.3	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cab. CC	-	-	100.0	-	100.0	-	-	-	100.0	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.3	79.3	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	94.1	86.1	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	86.8	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	90.0	100.0	87.0	-	-	-	100.0	-	-	-
Wake TCC	100.0	97.0	100.0	100.0	100.0	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	92.3	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
TOTAL	96.0	92.4	96.9	94.8	97.5	100.0	100.0	90.4	73.8	96.6	100.0	80.1

Table 25d

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	24.1	75.4	70.1	87.5	40.1	23.0	79.8	100.0	23.7	37.9	23.0	10.3
NC State Vet.	-	-	47.9	-	-	23.1	-	-	-	-	-	-
UNC-Chapel Hill	4.4	59.9	82.9	82.2	10.3	79.8	60.4	98.3	99.4	96.5	32.5	13.8
UNC-Health Aff.	-	100.0	100.0	29.4	100.0	100.0	100.0	100.0	36.2	100.0	91.0	84.9
SUBTOTAL	12.5	66.9	77.9	84.0	18.9	68.9	68.8	99.0	85.0	93.5	49.6	16.2
Doctoral Granting Universities I:												
UNC-Greensboro	80.7	100.0	94.1	22.2	0.0	25.9	76.5	-	-	-	64.2	58.8
Comprehensive I Universities:												
Appalachian	94.1	100.0	61.5	97.7	14.4	100.0	100.0	97.3	-	100.0	0.0	0.0
East Carolina	39.3	71.4	36.4	57.1	3.7	48.1	100.0	100.0	-	0.0	100.0	14.4
ECU-Health Aff.	-	-	44.3	-	100.0	94.3	100.0	100.0	-	-	-	-
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	0.0	0.0	-	-
NC A & T	100.0	90.0	90.9	100.0	63.8	67.1	100.0	100.0	-	0.0	-	98.2
NC Central	81.8	99.4	66.5	99.6	65.0	13.4	66.3	100.0	-	100.0	32.2	44.7
Pembroke	100.0	100.0	92.8	100.0	79.9	100.0	100.0	100.0	-	-	-	-
UNC-Charlotte	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	89.9	82.0	95.1	0.0	88.6	67.9	100.0	95.1	0.0	85.8	0.0	0.0
West'n Carolina	78.4	100.0	97.1	97.3	3.1	77.5	78.2	100.0	100.0	60.6	100.0	77.1
SUBTOTAL	89.2	91.3	73.3	78.7	36.8	72.8	95.0	98.9	74.4	56.2	25.4	58.7
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	99.7	100.0	96.7	100.0	17.9	100.0	100.0	100.0	-	-	100.0	-
UNC-Asheville	38.4	76.9	70.5	100.0	27.4	100.0	100.0	100.0	-	99.0	-	100.0
Winston-Salem	73.0	31.1	20.2	100.0	58.1	36.7	0.0	100.0	-	100.0	100.0	99.3
SUBTOTAL	74.8	63.5	59.1	100.0	32.5	54.7	68.1	100.0	-	99.3	100.0	99.7
Specialized Institution:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. H.	100.0	100.0	98.0	100.0	-	100.0	-	-	-	-	-	94.2
Community Colleges:												
SUBTOTAL	95.7	97.5	85.6	98.0	85.2	91.1	99.6	99.4	99.2	99.4	75.3	64.5
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	84.0	58.3	57.2	100.0	6.0	34.5	22.3	81.2	66.7	84.5	100.0	100.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	58.2	59.6	16.4	45.7	8.7	26.7	42.4	55.1	4.7	11.2	13.1	19.8
Junior Colleges:												
SUBTOTAL	48.6	72.7	41.6	0.0	9.0	67.2	75.9	61.1	-	43.0	0.0	20.4
GRAND TOTAL	77.2	80.4	56.9	81.1	16.9	51.6	67.0	88.4	71.1	74.6	34.1	62.0

Table 25d

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	43.5	100.0	100.0	100.0	-	-	100.0	-
Anson CC	100.0	100.0	95.8	66.8	-	-	-	100.0	-	-	100.0	-
Ashev'le-Bun. TCC	25.5	100.0	83.6	0.0	81.2	0.0	100.0	100.0	-	100.0	0.0	0.0
Beaufort Co. CC	94.0	63.1	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Bladen CC	98.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	-
Blue Ridge CC	100.0	100.0	78.3	0.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Brunswick CC	100.0	81.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Caldwell CC & TI	100.0	100.0	93.1	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	0.0	-	-
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	100.0
Catawba Vy. CC	100.0	100.0	29.9	100.0	100.0	100.0	-	100.0	-	100.0	100.0	100.0
C. Carolina CC	98.7	100.0	100.0	-	100.0	-	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	100.0	93.8	98.5	100.0	100.0	-	100.0	-	-	-	0.0
Cleveland CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	60.1	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	99.2	100.0	100.0	100.0	-	100.0	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Edgecombe CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	0.0	-
Fayettev'le TCC	100.0	99.3	56.5	100.0	100.0	100.0	100.0	100.0	-	100.0	-	97.5
Forsyth TCC	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Gaston Col.	60.6	100.0	59.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	98.9	82.4	87.5	100.0	95.1	100.0	95.4	100.0	-	-	86.5	100.0
Halifax CC	98.1	100.0	99.3	100.0	88.9	100.0	100.0	100.0	-	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Isothermal CC	99.1	100.0	78.1	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	100.0	-	-
Johnston CC	96.1	100.0	100.0	100.0	88.0	-	100.0	100.0	-	-	-	-
Lenoir CC	100.0	100.0	100.0	100.0	78.1	100.0	100.0	100.0	-	100.0	-	-
Martin CC	100.0	93.5	100.0	100.0	78.6	-	-	100.0	-	100.0	-	0.0
Mayland CC	100.0	100.0	74.5	100.0	-	-	100.0	98.2	-	-	100.0	-
McDowell TCC	95.4	97.9	79.4	100.0	96.5	100.0	-	100.0	-	-	-	-
Mitchell CC	45.3	100.0	36.1	-	33.1	23.4	100.0	100.0	-	100.0	23.2	-
Montgomery CC	98.5	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Nash CC	98.2	100.0	90.5	100.0	78.9	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Piedmont CC	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.7	87.1	69.5	100.0	100.0	100.0	-	97.2	-	-	100.0	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Robeson CC	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Rowan-Cab. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-	-
Sampson CC	98.4	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	90.6	100.0
Sandhills CC	100.0	100.0	88.6	100.0	4.7	100.0	100.0	100.0	-	100.0	-	-
Southeastern CC	100.0	100.0	81.6	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Southwestern CC	100.0	94.6	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Stanly CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Surry CC	96.6	96.7	100.0	100.0	82.1	100.0	100.0	-	-	-	-	-
Tri-County CC	100.0	100.0	89.2	100.0	-	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	60.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Wake TCC	100.0	100.0	51.4	100.0	100.0	100.0	100.0	85.2	-	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	98.2	100.0	100.0	100.0	-	100.0	100.0	100.0	97.2	100.0	-	100.0
Wilson TCC	100.0	100.0	53.1	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.7	97.5	85.6	98.0	85.2	91.1	99.6	99.4	99.2	99.4	75.3	64.5

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Universities I:										
NC State	2,778,540	60.0	184,942	89.4	844,139	81.8	759,487	76.8	228,351	93.8
NC State Vet.	202,043	86.0	7,179	97.9	48,141	89.8	31,526	89.9	12,293	97.0
UNC-Chapel Hill	3,028,910	63.1	175,721	78.8	338,558	86.6	639,090	73.8	486,548	78.4
UNC-Health Aff.	1,354,289	94.6	53,421	96.6	421,018	94.8	526,578	93.9	65,940	98.9
SUBTOTAL	7,363,782	66.3	421,263	85.5	1,651,856	86.0	1,956,681	79.8	793,132	84.1
Doctoral Granting Universities I:										
UNC-Greensboro	1,292,674	67.2	122,069	98.0	165,061	89.6	295,208	82.1	127,524	82.3
Comprehensive I Universities:										
Appalachian	1,163,014	58.2	138,294	85.6	148,854	94.7	271,048	86.0	108,435	99.7
East Carolina	1,469,153	65.9	138,513	80.7	238,839	84.5	269,543	72.8	134,612	97.8
ECU-Health Aff.	485,565	94.3	28,431	100.0	127,946	99.9	176,963	99.6	36,150	100.0
Fayetteville	316,371	52.2	46,729	73.7	43,493	76.3	93,656	84.4	54,888	93.7
NC A & T	1,211,279	78.5	94,541	88.3	200,407	82.2	219,159	86.9	115,851	96.1
NC Central	735,836	72.0	78,262	75.8	63,803	73.8	130,844	77.2	104,463	95.6
Pembroke	333,165	68.7	39,180	83.2	37,727	93.0	75,564	92.5	29,945	97.2
UNC-Charlotte	1,445,011	86.4	91,755	99.9	230,703	99.5	271,718	99.3	126,756	98.4
UNC-Wilmington	574,902	56.5	54,670	85.2	59,458	74.4	159,945	82.6	54,605	46.6
West'n Carolina	1,106,890	68.8	96,891	91.2	122,007	96.5	188,198	87.2	118,130	99.9
SUBTOTAL	8,841,186	69.6	807,266	85.4	1,273,237	88.8	1,856,638	85.8	883,835	91.5
Comp. II and Lib. Arts I Univ.:										
Elizabeth City	430,591	73.1	35,369	82.6	65,114	98.1	72,931	93.0	35,139	91.3
UNC-Asheville	451,279	85.8	43,956	98.5	61,723	99.5	68,623	87.9	45,268	90.6
Winston-Salem	442,092	65.2	39,929	66.9	18,848	43.3	67,686	61.5	35,182	92.2
SUBTOTAL	1,323,962	73.8	119,254	81.1	145,685	84.7	209,240	78.5	115,589	91.3
Specialized Institution:										
NC Sch. of Arts	298,764	72.6	17,267	100.0	110,314	97.3	32,711	77.9	18,073	95.0
Teaching Hospitals:										
UNC Hosp. at C. Hill	735,280	99.1	1,564	100.0	1,699	100.0	230,114	98.6	5,099	100.0
Community Colleges:										
SUBTOTAL	9,012,604	94.5	1,752,143	95.7	3,107,206	96.0	1,473,452	95.9	722,374	97.5
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	5,735,210	68.7	234,594	83.0	1,007,803	91.6	1,459,790	81.4	621,543	96.2
Gen. Baccalaureate Colleges:										
SUBTOTAL	5,451,291	44.7	486,388	60.2	491,903	59.9	719,964	55.8	617,632	80.9
Junior Colleges:										
SUBTOTAL	461,334	49.3	34,437	57.6	22,466	33.4	59,942	63.8	48,198	92.1
GRAND TOTAL	40,516,087	67.9	3,996,245	84.9	7,977,230	88.2	8,293,740	81.1	3,952,999	89.5

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq.Ft.	%	Sq. Ft.	%	
												Research Univ. I:
248,668	46.5	317,524	77.5	99,184	54.1	10,440	99.0	75,981	8.0	9,824	12.9	NC State
34,530	65.7	7,195	91.7	6,955	66.3	54,224	97.8	-	-	-	-	NC State Vet.
524,592	88.8	452,016	78.6	225,615	76.2	18,458	94.9	158,354	13.7	9,958	17.6	UNC-Chapel Hill
70,826	95.3	38,898	99.6	26,604	74.4	131,643	99.2	0	0.0	19,361	89.1	UNC-Health Aff.
878,616	70.1	815,633	79.1	358,358	68.1	214,765	98.4	234,335	11.1	39,143	25.3	SUBTOTAL
												Doctoral Granting Universities I:
151,715	91.6	178,751	65.1	70,277	72.6	9,743	97.0	165,123	30.5	7,203	58.0	UNC-Greensboro
												Comprehensive I Universities:
122,016	58.6	255,535	78.1	63,395	70.4	11,921	99.6	43,516	7.2	0	0.0	Appalachian
142,404	80.2	196,407	78.8	50,493	50.6	2,984	49.9	285,692	42.8	9,666	14.4	East Carolina
18,903	63.7	8,378	100.0	10,649	37.8	78,145	99.8	-	-	-	-	ECU-Health Aff.
14,627	31.3	41,784	45.5	16,584	59.5	0	0.0	4,610	3.2	-	-	Fayetteville
170,972	84.0	144,800	90.3	19,874	85.0	6,148	100.0	172,664	48.6	66,863	98.2	NC A & T
104,217	76.8	91,363	89.8	21,914	74.1	4,314	91.3	128,030	48.6	8,626	45.0	NC Central
50,658	77.2	71,581	84.4	20,117	94.6	1,396	47.1	6,997	6.3	-	-	Pembroke
93,231	92.1	225,171	98.5	28,490	100.0	6,162	90.9	371,025	63.9	-	-	UNC-Charlotte
64,830	63.5	111,762	85.2	28,893	77.4	1,789	90.5	38,950	13.5	0	0.0	UNC-Wilmington
122,424	74.5	215,110	83.5	61,531	85.4	1,924	49.7	150,850	29.8	29,825	77.1	West'n Carolina
904,282	73.2	1,361,891	83.0	321,940	70.3	114,783	90.7	1,202,334	34.1	114,980	54.8	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
59,106	91.1	87,715	92.2	15,399	95.2	0	0.0	59,818	32.9	-	-	Elizabeth City
13,150	39.2	57,561	94.0	17,740	95.9	1,192	100.0	98,515	74.0	43,551	100.0	UNC-Asheville
61,938	90.5	91,374	90.3	15,831	55.9	0	0.0	83,261	42.0	28,043	99.3	Winston-Salem
134,194	80.4	236,650	91.9	48,970	77.7	1,192	13.9	241,594	47.1	71,594	99.7	SUBTOTAL
												Specialized Institution:
4,657	39.7	55,890	75.6	19,064	100.0	0	0.0	20,064	21.7	20,724	99.5	NC Sch. of Arts
												Teaching Hospitals:
1,730	100.0	34,776	99.9	64,590	100.0	381,028	99.3	4,449	100.0	10,231	94.2	UNC Hosp. at C. Hill
												Community Colleges:
440,345	89.3	1,048,591	95.1	398,825	81.2	1,480	100.0	3,896	39.8	64,292	66.6	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
306,613	62.3	666,627	77.3	303,811	59.9	720,949	98.9	200,888	11.7	212,592	100.0	SUBTOTAL
												Gen. Baccalaureate Colleges:
985,837	75.3	1,272,646	63.6	176,718	21.8	28,033	65.3	638,493	15.4	33,677	16.3	SUBTOTAL
												Junior Colleges:
66,563	75.4	127,314	73.3	15,194	63.2	1,972	24.5	82,926	24.2	2,322	9.3	SUBTOTAL
3,874,552	74.3	5,798,769	77.8	1,777,747	58.1	1,473,945	96.3	2,794,102	21.5	576,758	56.5	GRAND TOTAL

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	142,947	99.4	29,267	100.0	61,661	99.7	22,987	99.9	7,884	100.0
Anson CC	38,903	85.6	6,129	88.0	16,599	89.9	5,463	62.4	4,758	100.0
Asheville-Bun. TCC	279,735	92.9	63,025	92.2	114,901	95.9	36,212	84.3	8,709	100.0
Beaufort Co. CC	111,430	97.0	16,206	93.3	41,407	100.0	20,852	92.2	9,039	100.0
Bladen CC	78,734	95.9	9,282	100.0	30,500	98.6	9,465	94.4	5,240	100.0
Blue Ridge CC	180,070	99.5	35,178	100.0	82,952	100.0	16,079	99.1	11,696	100.0
Brunswick CC	106,276	91.9	16,532	98.2	22,429	89.3	13,624	95.5	6,958	100.0
Caldwell CC & TI	172,766	90.6	25,506	99.9	50,126	87.6	23,070	100.0	12,941	100.0
Cape Fear CC	144,380	97.5	25,600	96.7	59,661	98.4	30,600	98.2	13,067	100.0
Carteret CC	93,489	84.5	15,219	84.7	29,041	95.1	9,661	74.9	6,473	91.5
Catawba Vy. CC	218,862	96.2	42,404	100.0	96,591	100.0	33,561	99.7	15,013	100.0
C. Carolina CC	178,063	97.8	34,845	100.0	70,271	97.4	25,140	98.1	12,853	98.1
C. Piedmont CC	533,434	96.0	129,946	100.0	181,876	99.4	103,713	94.7	43,851	98.7
Cleveland CC	134,145	98.7	18,210	93.4	47,570	100.0	17,329	99.0	14,313	100.0
Coastal Car. CC	177,146	100.0	37,654	100.0	71,943	100.0	26,704	100.0	15,190	100.0
Col. Albemarle	128,730	99.9	21,242	100.0	37,901	99.7	19,981	100.0	16,365	100.0
Craven CC	107,502	99.6	28,311	100.0	38,393	98.9	15,779	99.7	14,397	100.0
Davidson Co. CC	187,702	98.0	43,790	100.0	50,842	94.1	34,633	100.0	16,958	98.5
Durham TCC	195,461	99.4	46,754	100.0	68,022	100.0	35,636	99.7	14,694	100.0
Edgecombe CC	98,277	84.0	16,046	74.0	30,312	81.4	18,056	98.1	10,247	100.0
Fayettev'le TCC	357,361	93.1	96,184	96.6	93,758	93.9	67,753	96.6	19,696	100.0
Forsyth TCC	355,299	98.5	76,599	99.7	127,313	96.5	68,184	99.9	22,040	100.0
Gaston Col.	197,640	84.9	40,088	98.2	76,150	75.8	31,028	92.6	11,060	100.0
Guilford TCC	400,804	87.5	86,258	85.5	145,280	89.4	69,374	90.8	27,986	90.0
Halifax CC	96,193	99.3	16,045	100.0	30,002	100.0	18,391	99.6	11,571	100.0
Haywood CC	193,139	91.5	15,286	84.9	87,749	97.5	24,266	97.6	8,534	100.0
Isothermal CC	149,431	88.4	23,557	93.8	55,396	91.1	19,496	98.7	3,004	25.5
J. Sprunt CC	82,312	93.4	19,673	96.1	23,434	91.6	18,780	92.8	4,368	100.0
Johnston CC	143,719	98.9	24,608	100.0	50,177	97.2	15,354	99.8	9,177	100.0
Lenoir CC	195,679	98.4	41,426	97.5	51,697	99.5	26,992	96.0	15,949	98.4
Martin CC	139,129	84.1	10,891	88.5	47,267	99.5	15,772	95.2	12,823	100.0
Mayland CC	65,350	99.1	14,792	100.0	14,168	99.6	12,912	99.9	8,976	100.0
McDowell TCC	69,612	96.2	9,703	88.6	31,246	98.4	11,282	98.0	4,962	100.0
Mitchell CC	135,670	76.0	30,787	88.4	40,501	87.3	21,640	82.2	14,661	100.0
Montgomery CC	51,014	96.1	4,300	69.0	26,133	99.9	8,398	98.6	2,909	100.0
Nash CC	97,578	98.7	25,498	100.0	38,141	99.9	15,983	98.0	4,756	100.0
Pamlico CC	27,368	95.7	4,225	100.0	10,688	100.0	4,706	98.6	4,224	100.0
Piedmont CC	97,680	98.8	12,992	97.2	32,151	98.3	16,529	99.1	7,465	100.0
Pitt CC	166,583	94.9	35,081	97.8	62,703	99.8	33,603	84.4	19,065	97.6
Randolph CC	157,155	100.0	30,932	100.0	62,036	100.0	26,584	100.0	10,543	100.0
Richmond CC	104,408	91.6	17,753	87.8	32,385	94.3	22,270	94.9	10,351	93.3
Roanoke-Cho. CC	96,231	96.3	11,497	100.0	43,598	100.0	12,487	99.8	9,492	100.0
Robeson CC	132,951	97.6	23,879	100.0	43,394	99.9	24,674	99.9	11,650	100.0
Rockingham CC	178,230	91.2	33,207	93.4	50,655	87.7	25,914	97.7	14,824	100.0
Rowan-Cab. CC	174,086	100.0	46,057	100.0	55,690	100.0	27,022	100.0	17,403	100.0
Sampson CC	85,856	98.1	19,646	100.0	21,150	97.8	18,681	99.7	11,242	100.0
Sandhills CC	187,207	93.5	36,693	97.6	50,731	98.0	31,797	90.7	19,753	100.0
Southeastern CC	115,445	92.1	21,323	79.6	29,900	97.2	20,173	91.1	13,311	98.8
Southwestern CC	139,610	95.7	23,063	100.0	41,716	92.5	24,685	99.2	11,160	100.0
Stanly CC	75,093	100.0	13,781	100.0	26,891	100.0	15,642	99.8	4,828	100.0
Surry CC	124,865	93.5	13,705	64.2	44,612	100.0	17,680	96.9	11,261	100.0
Tri-County CC	80,124	96.6	17,365	98.1	27,879	99.5	6,976	97.2	5,267	84.7
Vance-Granv. CC	132,716	95.2	23,758	100.0	48,772	100.0	21,363	98.6	7,026	75.8
Wake TCC	272,473	93.3	62,881	93.4	73,612	93.0	52,746	99.2	35,460	100.0
Wayne CC	183,183	98.5	33,323	100.0	62,159	96.7	32,053	98.3	19,546	100.0
W. Piedmont CC	127,067	96.1	26,569	99.8	39,461	99.9	27,732	99.4	15,033	100.0
Wilkes CC	198,903	97.2	28,861	96.0	54,720	98.5	26,714	98.5	10,904	100.0
Wilson TCC	117,388	98.7	18,711	100.0	50,893	100.0	19,271	97.1	9,448	99.3
TOTAL	9,012,604	94.5	1,752,143	95.7	3,107,206	96.0	1,473,452	95.9	722,374	97.5

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
6,886	100.0	8,462	100.0	5,723	100.0	-	-	0	0.0	77	100.0	Alamance CC
240	100.0	3,456	86.4	2,258	98.4	-	-	-	-	-	-	Anson CC
26,780	100.0	18,786	97.6	11,322	82.1	-	-	-	-	0	0.0	Ashev'le-Bun. TCC
1,113	100.0	12,763	96.1	9,700	100.0	-	-	-	-	350	100.0	Beaufort Co. CC
253	100.0	13,109	96.0	4,713	72.0	-	-	-	-	6,172	100.0	Bladen CC
6,039	100.0	14,974	99.8	6,897	91.2	-	-	-	-	6,255	100.0	Blue Ridge CC
1,378	100.0	28,657	83.3	5,091	100.0	112	100.0	-	-	11,495	100.0	Brunswick CC
16,695	98.9	37,863	100.0	6,495	37.7	-	-	-	-	70	100.0	Caldwell CC & TI
2,204	100.0	9,743	90.3	3,505	100.0	-	-	0	0.0	-	-	Cape Fear CC
1,275	14.3	6,574	86.2	23,796	98.8	-	-	-	-	1,450	100.0	Carteret CC
11,415	100.0	15,960	100.0	1,194	12.1	-	-	-	-	2,724	100.0	Catawba Vy. CC
4,074	100.0	29,814	100.0	1,066	89.9	-	-	-	-	0	0.0	C. Carolina CC
26,725	79.7	33,548	91.9	13,775	99.5	-	-	-	-	0	0.0	C. Piedmont CC
11,377	100.0	16,734	100.0	8,380	95.9	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	15,560	100.0	6,063	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	28,335	100.0	4,180	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	7,487	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
16,147	99.0	15,441	98.8	9,891	100.0	-	-	-	-	-	-	Davidson Co. CC
2,732	100.0	19,176	100.0	8,447	88.9	-	-	-	-	-	-	Durham TCC
1,346	100.0	14,003	100.0	8,267	100.0	-	-	-	-	0	0.0	Edgecombe CC
15,044	84.7	32,904	100.0	19,254	62.8	378	100.0	-	-	12,390	97.5	Fayettev'le TCC
15,725	98.2	37,442	98.9	7,029	100.0	-	-	-	-	967	100.0	Forsyth TCC
6,938	77.6	27,428	95.0	4,839	53.6	109	100.0	-	-	-	-	Gaston Col.
8,207	81.6	42,307	93.0	10,012	52.1	84	100.0	3,124	100.0	8,172	90.0	Guilford TCC
1,069	100.0	12,614	99.5	6,501	91.8	-	-	-	-	-	-	Halifax CC
17,198	62.8	32,720	100.0	7,153	84.1	-	-	233	100.0	0	0.0	Haywood CC
25,791	100.0	14,151	86.3	8,036	85.9	-	-	-	-	-	-	Isothermal CC
4,468	100.0	8,545	95.2	3,044	74.5	-	-	-	-	-	-	J. Sprunt CC
11,124	100.0	24,879	99.7	8,400	100.0	-	-	-	-	-	-	Johnston CC
26,748	100.0	23,239	98.2	9,628	100.0	-	-	-	-	-	-	Lenoir CC
2,340	49.4	44,970	82.4	5,066	100.0	-	-	-	-	0	0.0	Martin CC
6,698	100.0	5,493	100.0	2,311	80.4	-	-	-	-	-	-	Mayland CC
-	-	8,549	98.8	3,870	85.8	-	-	-	-	-	-	McDowell TCC
9,765	59.5	15,381	56.4	2,665	23.1	-	-	-	-	270	23.2	Mitchell CC
1,766	100.0	5,214	100.0	2,294	100.0	-	-	-	-	-	-	Montgomery CC
-	-	4,268	95.5	8,932	92.9	-	-	-	-	-	-	Nash CC
465	100.0	2,114	100.0	946	44.9	-	-	-	-	-	-	Pamlico CC
8,814	100.0	12,513	98.8	7,216	100.0	-	-	-	-	-	-	Piedmont CC
5,279	80.8	7,025	100.0	3,605	100.0	-	-	-	-	222	100.0	Pitt CC
4,769	100.0	14,162	100.0	8,129	100.0	-	-	-	-	-	-	Randolph CC
4,082	100.0	10,566	87.4	6,901	80.6	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	10,014	100.0	8,056	100.0	-	-	-	-	0	0.0	Roanoke-Cho. CC
1,747	100.0	21,305	86.8	6,302	100.0	-	-	-	-	-	-	Robeson CC
21,904	75.9	22,634	99.2	9,092	100.0	-	-	-	-	-	-	Rockingham CC
3,633	100.0	18,654	100.0	5,627	100.0	-	-	-	-	-	-	Rowan-Cab. CC
0	0.0	10,003	100.0	4,280	100.0	-	-	-	-	854	100.0	Sampson CC
10,255	83.6	29,968	99.1	7,471	92.5	-	-	539	9.7	-	-	Sandhills CC
11,407	99.4	11,772	100.0	6,919	82.8	-	-	-	-	640	100.0	Southeastern CC
2,931	100.0	31,308	100.0	4,747	63.1	-	-	-	-	-	-	Southwestern CC
1,296	100.0	10,359	100.0	2,296	100.0	-	-	-	-	-	-	Stanly CC
17,796	100.0	14,356	96.9	5,455	100.0	-	-	-	-	-	-	Surry CC
-	-	13,669	100.0	8,968	88.3	-	-	-	-	-	-	Tri-County CC
3,998	100.0	20,852	94.6	2,827	49.1	-	-	-	-	4,120	100.0	Vance-Granv. CC
11,796	99.5	22,944	99.6	8,997	49.6	328	100.0	-	-	3,709	100.0	Wake TCC
4,499	100.0	17,184	99.3	14,288	100.0	131	100.0	-	-	-	-	Wayne CC
4,932	96.7	11,654	100.0	1,632	25.5	54	100.0	-	-	-	-	W. Piedmont CC
21,981	99.9	36,215	91.9	15,385	100.0	-	-	-	-	4,123	100.0	Wilkes CC
1,559	100.0	8,771	100.0	8,551	90.7	184	100.0	-	-	-	-	Wilson TCC
440,345	89.3	1,048,591	95.1	398,825	81.2	1,480	100.0	3,896	39.8	64,292	66.6	TOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06
Anson Community College	1-3	007985	Anson	Polkton 28135	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007987	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	12
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	03
Craven Community College	1-3	008086	Craven	New Bern 28562	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	06
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	09
Gaston College	1-3	002973	Gaston	Dallas 28034	09
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28721	11

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	03
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	12
Louisburg College	2-3	002943	Franklin	Louisburg 27549	02
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	12
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	06
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	05
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	02
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	12

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1990 census.

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